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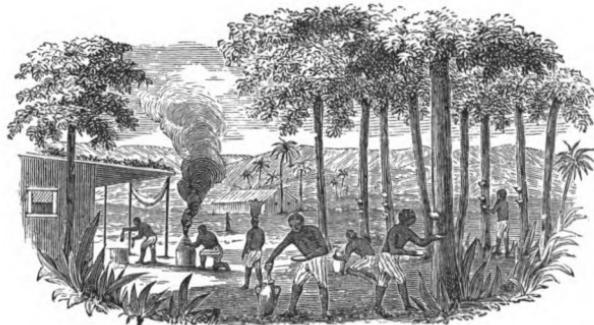
Calvin Ellis. M. D.
with respects of S. M. Brown.

ILLUSTRATED AND DESCRIPTIVE CATALOGUE
AND

TRADE-PRICE LIST

OF

INDIA RUBBER



AND

GUTTA PERCHA GOODS,

MANUFACTURED FOR AND SOLD BY

GEO. N. DAVIS & BROTHER,

152 & 154 CONGRESS STREET,

BOSTON.

G. C. Rand & Avery, Printers.

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1868, July 7.

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(86. G. 1861.)

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BOSTON:

PRINTED BY GEORGE C. RAND & AVERY,
No. 8 CORNHILL.



CHARLES GOODYEAR.

Entered according to Act of Congress, in the year 1856,

BY GEO. N. DAVIS, & BRO.,

In the Clerk's Office of the District Court of Massachusetts.

INDIA RUBBER.

The most astonishing and useful discovery of the nineteenth century, after the practical application of Steam and Electricity, is the employment of India Rubber for manufacturing purposes.

Previous to entering into a description of the articles manufactured, it is proper that we should give some account of the substance itself and the history of its development.

The first knowledge of it is due to La Condamine, a French philosopher, who in 1730 was sent by his Government to Peru to measure an arc of the meridian.

The tree which produces rubber, or *caoutchouc*, (as it is called by the natives of South America), is found in the tropics of both hemispheres. It rises to the height of fifty or sixty feet, without branches, and is crowned or tufted with rich foliage. The leaves are a deep green, thick and glossy, six or seven inches in length; the bark is smooth, and the fruit consists of white almonds, of an agreeable flavor, much liked by the natives.

In order to obtain this substance the natives of the valley of the Amazon make a longitudinal gash in the bark of the tree with a narrow hatchet; a thick, white and oily liquid (a sort of vegetable milk) flows out, a wedge of wood is inserted to keep the gash open, and a small clay cup is stuck to the tree beneath the gash. In four or five hours the milk ceases to run, and each wound has yielded from three to five table-spoonfuls. The "Seringero," or rubber gatherer, then empties the contents of the cups into an earthen vessel and commences the operation of forming it into shapes and smoking it. This must be done at once as the milk soon coagulates. A fire is made on the ground, of nuts of the wassou palm tree, over which is placed, inverted, an earthen pot with a hole in the bottom whence issues a jet of pungent smoke. Moulds are made either of clay or wood, which are dipped into the milk, and then passed slowly through the hot smoke. When the required

thickness is obtained the moulds are cut or washed out. Smoking changes the color of the rubber very little, but by exposure to the sun and atmosphere it becomes brown, and in time black. The superiority of the rubber imported from the valley of the Amazon is said to be owing to the peculiar properties of the smoke of this nut, no other smoke producing a similar effect upon the gum.

A belt of forest trees extends ten degrees each side of the equator, which yield India Rubber of various kinds; so the supply is literally inexhaustible. The gum from India and the Pacific coast of South America is obtained by allowing the sap to flow down the side of the tree, and is then gathered with the loose bark and dirt into *ceroons* or bundles, for shipment.

For a long time this substance was valued simply as an object of curiosity, to be preserved in collections of Natural History, and its first practical application was as an eraser of pencil marks.

About the year 1821, Chas. Macintosh of England, having learned how to dissolve the gum in spirits of turpentine, commenced manufacturing the goods which now bear his name, by spreading the gum so dissolved between two layers of cloth. The rude overshoes made by the natives in South America from the natural gum, were beginning to be worn, and in 1823 five hundred pairs of shoes were imported into Boston. At a later date gum-elastic became the subject of scientific investigation and many persons commenced experimenting with it. In 1832, the considerable manufacture of it was commenced in Massachusetts, by John Haskins and Edwin M. Chaffee, who in connection with others started the celebrated Roxbury India Rubber Company, which was shortly after incorporated with a capital of \$400,000. For this company Mr. Chaffee invented the famous mammoth machine for spreading rubber without a solvent—the machine itself costing nearly \$30,000. Similar machines are now required by all manufacturers of rubber goods. The apparent prosperity of this company induced the starting of factories in Boston, Chelsea, Woburn and Framingham, Mass., New York City, Staten Island and Troy, N. Y. with capitals of from \$50,000 to \$500,000. These companies made their goods by dissolving the rubber in camphene or other solvents, then mixing lamp black with it, and while in the form of paste spreading it on cloth from which coats, &c., were made. The goods were then dried in the sun or in a warm room until the solvent evaporated, leaving a coating of rubber. This, however, did not prevent heat and cold from affecting the rubber; the goods in summer would

frequently stick together before they left the factory, and in winter they became stiff and cracked. The rubber also decomposed in a short time, entirely destroying the goods. After striving from one to three years to surmount the difficulties of the manufacture, the business was generally abandoned with a total loss of the capital invested.

In 1834, Charles Goodyear of New Haven, Conn., had his attention drawn to the manufacture of rubber, and, ignorant of the unparalleled difficulties attending it, (the more peculiar as the goods must be tested by hot and cold weather before one could know that they would not decompose) commenced experimenting, resolved to accomplish that which had baffled scientific men, and divest the substance of its adhesiveness and objectionable qualities.

It would be impossible here to detail the hopes and fears—the *almost* success, then signal failure—the innumerable experiments made so sanguinely, followed by disheartening trials, the struggles, toil, poverty and discouragements experienced during the next six years. They were such as are incident to all valuable discoveries. But blessed with indomitable perseverance and confident of *ultimate* success, despite his own losses, the remonstrances of friends and the distrust of the public, he continued his efforts with unabated ardor and diligence.

Meanwhile his knowledge of the capabilities of the substance greatly increased, and many new and useful properties were imparted to it. In 1834, he obtained the first *white* compound. In 1835, the first sheets of gum were manufactured. Soon after he discovered the *nitric acid gas* process, but that did not change the character of the gum *throughout*. In 1836, India Rubber was applied to the art of printing, and newspapers, maps, &c., were printed on gum-elastic drapery. In 1838, the *solarizing* process (which consists in exposing rubber, when combined with sulphur, to the sun's rays,) was invented through the agency of Nathaniel Hayward, of Woburn, Mass., who first used sulphur as a *drier* of rubber, and for which combination he obtained a patent, Feb. 24, 1839. The manufacture of shoes was attended with some success at this time, and piano-forte covers, table and carriage cloths, mail bags, life preservers, &c., were also made.

Still the true cause of the decomposition of the goods and its remedy, were undiscovered, and misfortune and disappointment pursued him unrelentingly. His family were reduced to extreme poverty, he was imprisoned for debt, denounced by his friends as ob-

stinate and infatuated, and deprived of all sympathy and encouragement. Had the desired improvement required the aid of machinery, or any amount of capital beyond a few sixpences at a time, *necessity* would have compelled him to discontinue his experiments. But his extraordinary perseverance was at last rewarded, and, as the result of his unremitting application and constant observation, and as a suitable climax to his long series of inventions, the *Vulcanizing* process was discovered.

It was a well established fact that rubber melted at a heat of 200 degrees Fahrenheit, and in the sun's rays at 100 degrees; but in experimenting he accidentally placed some specimens in contact with a hot stove, and was surprised to see that instead of melting they charred like leather. He immediately inferred that if the charring could be arrested at the right point, the gum would lose its adhesiveness *throughout*. He continued his inquiries and experiments some months alone, until convinced that the new substance was proof against cold and the solvents of native gum, and consequently the eagerly-sought and long-desired discovery was made. This occurred in 1839, but Mr. Goodyear's difficulties were by no means ended. It was impossible to restore the confidence of the public after its recent and great losses, and his inability to convince others of the importance of the subject caused intense anxiety lest his theory should be lost to the world. Without money, without credit, without sympathy, in utter destitution, at the mercy of pawn-brokers, he had yet to endure two most trying years before a *single person* was convinced and willing to assist. In 1841, he invented shirred or corrugated goods. In 1843, he so far perfected his invention as to make application for patents, in the United States, England and France, and in 1844 obtained his patent for **VULCANIZED RUBBER**. Since then, numerous patents have been taken out, both in the United States and foreign countries, for modifications of the vulcanizing process; but in all, the two essential agents, *sulphur* and a *high degree of heat*, have proved *indispensable*.

The importance of this invention cannot be too highly estimated. New, curious and useful applications of it are constantly made, and it is destined to work a signal revolution in the industrial arts, and to promote greatly our manufacturing and commercial interests.

The change effected in the native gum by this process may be compared to that which is wrought in a perishable skin or hide, by the process of tanning. A substance is produced possessing all the

valuable properties of gum-elastic, in the highest degree of perfection, without the imperfections of the native gum which would ever have prevented its application to many purposes of great utility. It is not simply an improvement, but, in the language of Daniel Webster, "it introduces quite a new material into the manufacture of the arts, that material being nothing less than ELASTIC METAL. It is hard like metal, and as elastic as pure original gum elastic. It is as great and momentous a phenomenon occurring to men in the progress of their knowledge, as it would be for a man to show that iron and gold could remain iron and gold, and yet become elastic as India Rubber."

Mr. Goodyear styles the improved article *metallic gum-elastic*. He still devotes his time, property and inventive genius to the development of this extraordinary substance, and the result of his experiments are astonishing indeed. After long efforts he has discovered the method of giving to rubber the qualities of ivory, buffalo horn, shell and whalebone, which under the name of HARD GUM is considered his greatest invention. It is infinitely superior to Gutta Percha, in its qualities of firmness, beauty and durability. It offers to the tool all the resistance of the hardest wood, of horn, bone and even of marble. It can preserve the pliability of whalebone or take the rigidity of tempered steel — be flexible and as easily wrought as leather, or become brittle as glass.

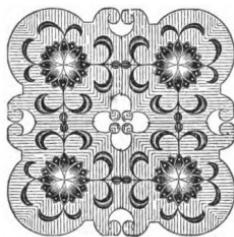
This material is susceptible of the most beautiful polish, and can be used in either massive pieces or in thin layers of veneering. The extent, variety and beauty of articles manufactured from HARD GUM is almost incredible; yet opposite as its results are, through all its transformations it preserves its durability, tenacity, impermeability, and the property of retaining the shape into which it is moulded and heated.

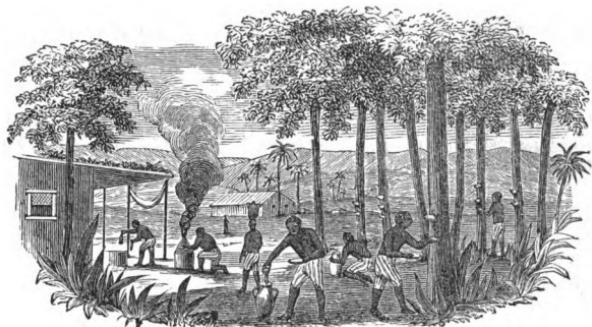
These inventions are now so far perfected as to form an important and staple branch of industry, in which millions of dollars are invested, both in this country and in Europe, and the business is steadily increasing in extent and value.

Our connection with the different manufactories, and thorough knowledge of the business, together with a stock unequalled in extent and variety, enable us to offer to the trade unusual facilities and the best terms. An examination of our Warehouse will convince purchasers that they are buying at "head quarters." Unlike other establishments in this country, we offer to the public not simply the productions of a single manufactory, but *every* article pro-

duced from India Rubber and Gutta Percha. English and French manufactures are regularly imported and new inventions and applications are received as soon as perfected.

The following catalogue will give a partial idea of the variety of articles for sale, and their adaptability to the ordinary wants of life.





NATIVES GATHERING RUBBER.

India Rubber Clothing, &c.

THE different qualities of CLOTHING may be classed as VULCANIZED and SOLARIZED.

The VULCANIZED are manufactured exclusively under GOODYEAR'S PATENTS, are warranted to stand any climate, and are not affected by the variations of the atmosphere.

The SOLARIZED, or CAMPHENÉ FABRICS, are manufactured from Rubber, combined with sulphur, and heated in the sun.

SIZES.—In all cases, No. 1 is the smallest.



FIREMAN'S COATS.

Double-breasted, with a standing collar and strap, close fitting, medium length, full skirt, with pockets; the sleeve buttons tightly at the wrist. Being proof against the action of extreme heat, where woollen fabrics would consume, they are peculiarly adapted for the use of firemen. Companies supplied at special rates, after furnished patterns.

SIZES — 1, 2, 3, 4, 5.

EACH.

Black, - - - Vulcanized, \$5 50



CAPES OR CLOAKS.

Made of various lengths, from half to three-quarters circle, on light materials, silicia, &c.; buttoned down the front. An excellent article for ladies' or gentlemen's wear, and for the protection of uniforms, &c. &c.

SIZES — 1, 2, 3, 4.

EACH.

Black, - - - Vulcanized, \$4 00

White, - - - do. - 5 00

Black, - - - Solarized, 3 00

White, - - - do. - 4 00



OFFICER'S COATS.

Double-breasted, long, full skirt, with pockets, standing or rolling collar, buttoned close around the neck; made on drill, or on light fabrics. A complete article for officers of the army and navy, masters of vessels, pilots, &c.

SIZES — 1, 2, 3, 4.

EACH.

Black, - - -	Vulcanized,	\$6 00
Black, - - -	Solarized,	3 50
White, - - -	do.	4 50



CAPES OR CLOAKS WITH SLEEVES.

Same as the Cape or Cloak on the opposite page, with addition of sleeves.

SIZES — 1, 2, 3, 4.

EACH.

Black, - - -	Vulcanized,	\$5 00
White, - - -	do.	6 00
Black, - - -	Solarized,	3 50
White, - - -	do.	4 50



SACK COATS.

Single or double breasted; long, full skirt; pockets; standing or rolling collar; made on fine muslin and silicia. A first-rate business garment for mechanics, merchants, and others.

SIZES—1, 2, 3, 4, 5.

EACH.

Black, - - -	Vulcanized,	\$5 00
Fine Black, - - -	do.	6 00
Short Black, - - -	do.	4 25
White, - - -	do.	6 00
Drab, - - - -	do.	5 50
Black, - - - -	Solarized,	3 00
White, - - - -	do.	4 00
Short Black, - - -	do.	2 75



FIREMAN'S CAPES.

For the use of Fire Companies; can be neatly printed if desired.

EACH.

Black, - - -	Vulcanized,	\$3 00
White, - - - -	do.	3 50

CADET CAPES.

For Military Companies, six inches longer than Fireman's.

EACH.

Black, - - -	Vulcanized,	\$4 00
White, - - - -	do.	5 00
Black, - - - -	Solarized,	2 00



PEA COATS.

Double-breasted, medium skirt, pockets, standing or rolling collar; made on drilling and heavy sheeting, expressly intended for hard service: and are well adapted for surveyors, engineers, farmers, stage drivers, hackmen, exploring parties, &c.

SIZES—1, 2, 3, 4, 5.

EACH.

Black, - - - - -	Vulcanized,	\$5 50
Heavy Lustre, - - - - -	do.	4 50



PONCHOS OR SARAPAS.

This article is of Spanish or Mexican origin, lately introduced into the United States. As a light, water-proof garment for riding horseback, it is unsurpassed; and by its peculiar form, affords perfect protection from rain, while allowing a free circulation of air.

Plain and fancy-printed patterns for exportation.

EACH.

Black, Mexican, - -	Vulcanized,	\$3 75
Black, do. Printed,	do.	4 25
White, do.	do.	4 50
Black, Peruvian, - - -	do.	4 25
Black, do. Printed,	do.	4 75
White, do.	do.	5 00
Black, - - - - -	Solarized,	3 00
White, - - - - -	do.	4 00
White, Printed, - - -	do.	3 50



PANTALOONS.

Made large and full, with a gathering cord around the waist; coated upon strong and thick fabrics; intended for hard wear, in all kinds of wet work.

SIZES — 1, 2, 3.

	EACH.
Black, - - -	Vulcanized, \$3 00
Lustre, - - - -	do. - 2 63
White, - - - -	do. - 3 00
Black, - - - -	Solarized, 1 50
Fine White, - - -	do. - 2 50



OVERALLS.

Made similar to pants, with front piece covering the chest; coated on heavy and medium fabrics; a good article for provision packers, butchers, fishermen, &c.

SIZES — 1, 2, 3.

	EACH.
Black, - - -	Vulcanized, \$3 00
Lustre, - - - -	do. - 2 63
White, - - - -	do. - 3 00
Black, - - - -	Solarized, 1 75



REEFING JACKETS.

Short and full; buttoned close around the neck, with standing or rolling collar; double-breasted, with pockets. Made on heavy drilling, &c.; a regular seaman's article.

SIZES—1, 2, 3, 4, 5.

	EACH.
Black, - - - - -	Vulcanized, \$4 00
Black, - - - - -	Solarized, 2 50
White, - - - - -	do. - 3 25

WADING PANTS.

Made on stout drilling, with neat fitting Boots. The California Pants are the best article made for Miners. The Lumberman's Pants are double thickness to the thigh. A neat, light, and well-finished article is made for the use of Clergymen.

Sizes of Boots, 6 to 13.

	PER PAIR.
Lumberman's Pants, - - - - -	\$10 00
California Mining, - - - - -	7 00
Fisherman's, - - - - -	7 00
Baptismal, - - - - -	7 00

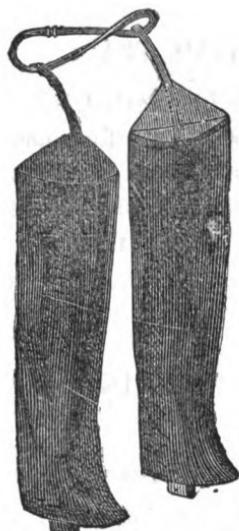


FIREMAN'S LEGGINS.

Made on fine drilling, buttoning over the pantaloons just below the knee.



Black, with white top facings, for Firemen, Military Companies, &c., per dozen pairs, - - - \$12.00



RIDING LEGGINS.

Made on heavy drilling, with a strap to buckle around the waist. They are particularly adapted for horseback riding, and are required for the Western, Mexican, and South American markets.

PER DOZ. PAIRS.

Black, - - - -	Vulcanized,	\$24 00
White, - - - -	do.	- 30 00
Black, Lustre, - -	do.	- 18 00
Black, - - - -	Solarized,	12 00
White, - - - -	do.	- 18 00



WALKING LEGGINS.

Made on stout drilling, reaching above the knee, with a strap to buckle around the waist.

PER DOZ. PAIRS.

Black, - - - -	Vulcanized,	\$21 00
White, - - - -	do.	- 27 00
Black, Lustre, - -	do.	- 18 50
Black, - - - -	Solarized,	9 00
White, - - - -	do.	- 15 00



SHIRRED LEGGINS.

Made on sheeting, and clasp just above the knee.

PER DOZ. PAIRS.

Black, - - - -	Vulcanized,	\$15 00
White, - - - -	do.	- 18 00



SPORTSMAN'S COATS.

Loose, double-breasted, with standing or rolling collar, and extra pockets in and outside. Made of different shades of drab cloth, with caps to match.

Price, each, - - - - - \$8 00

MACINTOSH, SILK AND ALPACA COATS,

OF
ENGLISH
FRENCH
AND
AMERICAN
MANUFACTURE



OF
VARIOUS
PATTERNS,
SIZES,
AND
PRICES.

EUKNEMIDAS.

A novel introduction in modern costume, for riding or walking; by means of a spring, can be attached or detached instantly.

PER DOZ. PAIRS.	PER DOZ. PAIRS.
\$30 - - Macintosh Cloth outside,	\$27
27 - - Vulcanized Gum outside,	24
24 - - White, Solarized,	21
21 - - Black, do.	18



GAITERS.

**SUPERIOR AND MUCH MORE DURABLE
THAN CLOTH.**

Prices, per doz. pairs, - - - - \$12 00



**CAPS.****KIT CARSON.**

PER DOZEN.

Black or White, Whole Front, Vulcanized, (See figure 1, page 13,)	- - - - -	\$12 00
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TRAVELLING CAP WITH CAPE.

Black, Vulcanized, (See figure 2, page 18,)	- - - - -	\$10 50
Black or White, Solarized, (See figure 1, page 18,)	- -	9 00

CAP WITH CAPE.

Black or White, Vulcanized, (See figure 1, page 12,)	- -	\$9 00
Black, Lustre, do. do. do.	- - -	9 00
Black, Solarized, (See figure 2, page 11,)	- - - - -	6 00
White, do. do. do.	- - - - -	7 50

MACINTOSH CAP.

Drab Cloth, Vulcanized, (See figure 2, page 10,)	- - -	\$9 00
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SPORTING OR DUCKING CAP.

Drab Cloth, Silk Lined, decidedly a comfortable water- proof article, (See figure 2, page 18,)	- - - - -	\$10 50
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SOU'WESTERS.

Lustre, Vulcanized, (See figure 1, page 15,)	- - - - -	\$9 00
Black, Solarized, (See figure 1, page 11,)	- - - - -	6 00
White, do. do. do.	- - - - -	7 50

**HATS.****OPERA HATS.**

Alpaca, lined with Rubber, water-proof and compressible, a French article, each	- - - - -	\$5 00
Fishing and Shooting Hats, (See fig. 1, page 10,) per dozen.	9 00	
Plantation and Farmers' Hats, (See fig. 1, page 14,) do.	9 00	
Hat Covers, Vulcanized, on thin muslin, per dozen,	- -	9 00
Hoods, Vulcanized, on thin muslin, to fit the Cape or Cloak, (Page 10,) per dozen,	- - - - -	9 00

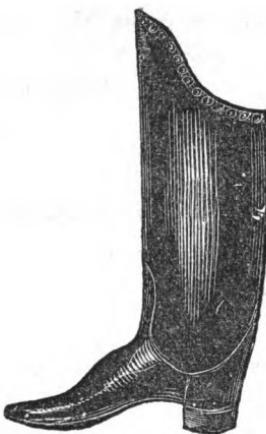
BATHING CAPS.

Vulcanized, per dozen,	- - - - -	\$4 50
Solarized, per dozen,	- - - - -	3 00

BOOTS.



Men's Long Top Boots, \$5.50.



Men's Knee Boots, \$5.00.

LONG ELASTIC TOP BOOT. This style is superior to any other long top boot for gentlemen, as it has a light, elastic close-fitting leg, not requiring the aid of straps to hold it up. Price, per pair, \$5.50.

Boys' Boots, Sizes 1 to 6,	- - - - -	\$3 00
Youths' Boots, Sizes 13 and under,	- - - - -	2 00
Ladies' Boots, Felt or Wool Lined,	- - - - -	2 50
Misses' Long Boots, Felt or Wool Lined,	- - - - -	1 75
Misses' Long Boots, Net Lined,	- - - - -	1 63



Men's Short Boots, 16 inches, \$4.50.



Ladies' Boots, Net Lined, \$2.00

SHOES.



Ladies' Heavy Overs, High Cut.



Ladies' Buskins, Low Cut.



Ladies' Jenny Lind Buskins.



Ladies' Garter Boots.



Men's Heavy Overs, High Cut.



Men's Light Overs, Low Cut.

Men's Shoes of all kinds, per pair,	- - - - -	\$1 00
Men's Footholds, all kinds, per pair,	- - - - -	75
Ladies' Shoes, all kinds, per pair,	- - - - -	75
Ladies' Gaiters, per pair,	- - - - -	1 00
Ladies' Buskins, 3 inches high and under,	- - - - -	75
Ladies' Jenny Lind Buskins, over 3 and less than $3\frac{3}{4}$,	- - - - -	83
Misses' and Children's Shoes, size 2 and under,	- - - - -	50
Misses' and Children's Gaiters, do. do.	- - - - -	75
Boys' Shoes, sizes 1 to 6,	- - - - -	75
Youths' Shoes, sizes 13 and under,	- - - - -	60

Soleing



High Cut Sandals.



Men's Low Cut one strap Sandals.



Ladies' Low Cut one strap Sandals.



Three strap Sandals.



Men's Spring Slippers.



Ladies' Spring Slippers.

SIZES OF MEN'S OVERSHOES.

No.	7.	8.	9.	10.	11.	12.	13.	14.
Inches.	$10\frac{1}{2}$	$10\frac{3}{4}$	$11\frac{1}{4}$	$11\frac{1}{2}$	$11\frac{3}{4}$	$12\frac{1}{4}$	$12\frac{3}{4}$	13

SIZES OF LADIES' OVERSHOES.

No.	$2\frac{1}{2}.$	3.	$3\frac{1}{2}.$	4.	$4\frac{1}{2}.$	5.	$5\frac{1}{2}.$	6.	$6\frac{1}{2}.$	7.
	9	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	10	$10\frac{1}{4}$	$10\frac{1}{2}$	$10\frac{3}{4}$
					$7\frac{1}{2}.$	8.	$8\frac{1}{2}.$			
					$10\frac{1}{2}$	$10\frac{3}{4}$	$10\frac{1}{2}$			

SIZES OF MISSES' OVERSHOES.

No.	6.	7.	8.	9.	10.	11.	12.	13.	1.	2.
	$5\frac{1}{2}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$

SIZES OF BOYS' OVERSHOES.

No.	2.	3.	4.	5.	6.
	$8\frac{1}{2}$	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	$10\frac{1}{2}$

SIZES OF YOUTHS' OVERSHOES.

No.	10.	11.	12.	13.	1.
	$7\frac{1}{2}$	$7\frac{1}{2}$	$7\frac{3}{4}$	$8\frac{1}{4}$	$10\frac{1}{2}$

WIDTHS.

Wide, Medium and Narrow.

Boot and Shoe Soleing, - - - - - (See Index.)

Boot and Shoe Goring, &c. - - - - do. do.

Corrugated or Shirred Webbing, per sqr. yd. do.

Sandal Cords, Braids, Shoe Elastics, &c. do. do.

Stockingnet of various grades and prices.

GLOVES AND MITTENS.



Men's Long Acid Gloves, per dozen pairs,	- - - - -	\$20 00
Men's Long Acid Gloves, extra heavy, per dozen pairs,	- -	24 00
For protection in all kinds of acid work of the chemist, druggist, &c.		
manufacturing and handling of potashes and alkalis; for ship-		
wrights, caulkers, &c.		
Men's Long Driving Gloves, per dozen pairs,	- - - - -	12 00
Men's Long Driving Gloves, extra heavy, per dozen pairs,	- - - - -	15 00
For drivers, hose companies, &c.		
Men's Pure Gum Mittens, extra heavy, for Tanners, &c.	- - - - -	15 00
Men's Half Long Driving Gloves, per dozen pairs,	- - - - -	12 00
Men's Half Long Driving Gloves, lined, per dozen pairs,	- - - - -	15 00
Men's Pure Gum Gloves, lined, per dozen pairs,	- - - - -	12 00
Men's Heavy Driving Gloves, per dozen pairs,	- - - - -	9 00
Men's Heavy Driving Gloves, lined, per dozen pairs,	- - - - -	10 50
Men's Fine Black Gloves, per dozen pairs,	- - - - -	8 00
Men's Heavy Mittens, per dozen pairs,	- - - - -	7 00
Men's No. 1 Mittens, per dozen pairs,	- - - - -	5 00
Men's No. 1 Mittens, lined, per dozen pairs,	- - - - -	6 00
For oystermen, tanners, &c., and others exposed to wet work.		
Men's Pure Gum Mittens, lined, per dozen pairs,	- - - - -	6 00
Boys' and Ladies' Pure Gum Gloves, lined, per dozen pairs,	- - - - -	9 00
Boys' and Ladies' Pure Gum Mittens, lined,	do.	5 00
Ladies' Long Wash or Gardening Gloves,	do.	12 00
Keeping the hands soft and smooth in all kinds of work where other gloves are injured.		
Ladies' Half Long Gardening Gloves, per dozen pairs,	- - - - -	9 00
Ladies' Short Fine Black Gloves,	do.	7 00
For softening and bleaching the hands, an effectual cure for chapped hands, salt rheum, &c.; for rough and dirty work, gardening, &c.		
Heavy Finger Cots, per gross,	- - - - -	4 50
Light Finger Cots, per gross,	- - - - -	3 50
Sewing Cots, per gross,	- - - - -	3 00

MECHANICS' APRONS.

Made on stout drilling, with heavy coating of Rubber; are desirable for Tanners, Curriers, Masons, Blacksmiths, &c.

PER DOZEN.

Single Coated, Vulcanized,	- - \$12 00
Double do. do.	- - 24 00

**SURGEONS' APRONS.**

Made on fine twilled cloth, with pocket; for Surgical operations, but well adapted for other uses.



Price, Vulcanized, per dozen, - - \$18.00

LADIES' APRONS.

Of various styles and patterns, printed or plain: an excellent article for the housekeeper, &c., or the nursery.

PER DOZEN.

Black, Vulcanized, Bodice,	\$12 00
Black, do. Printed,	9 00
White, do. do.	- 9 00
White, Solarized, do.	- 7 50

**ENDLESS APRONS.**

For Cracker Machines, made to order.
For Paper Machines, do.
For Tobacco Machines, do.



WAGON APRONS.

On Drilling, Vulcanized,	
each - - - - -	\$2 50
On Sheeting, do. do.	2 00
On Duck or Heavy	
Cloth, for Stages,	
Omnibuses, &c. &c.	
extra size, - - -	8 00

TARPAULINS AND WAGON COVERS.

On hand, and made to order of any size, Vulcanized,
with grummets for lacing.

On Heavy Drilling, Coated one side, per square yard, - - \$1 00
On Heavy Drilling, Coated both sides, do. do. - - 1 50

CARRIAGE BLANKETS OR ROBES.

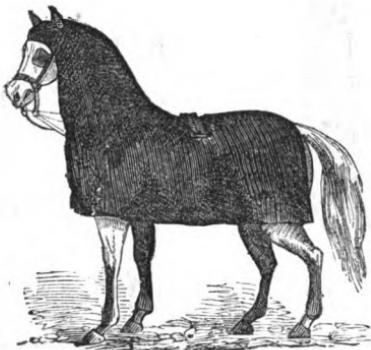
Robes of Fancy Colored Blanketing, interlined with Rubber,
each - - - - - \$10 00
Robes of Fancy Colored Blanketing, Rubber on one side,
each - - - - - 7 50

Carriage Cloths—(See Index.)

WHIPS.

No.	00	Whips, 7 feet long, Heavy,	- - - - -	per doz.	\$7 00
0	do.	6½ do.	do. - - - - -	do.	6 50
1	do.	6 do.	do. and Fancy Light,	do.	6 00
1½	do.	5½ do.	do. do.	do.	5 50
2	do.	5 do.	do. do.	do.	5 00
2½	do.	4½ do.	do. - - - - -	do.	4 50
3	do.	4 do.	do. - - - - -	do.	4 00
3½	do.	3½ do.	do. - - - - -	do.	3 50
4	do.	3 do.	do. - - - - -	do.	3 00
4½	do.	2½ do.	do. - - - - -	do.	2 50
5	do.	2 do.	do. and Fancy Light,	do.	2 00
5½	Ladies' Riding Whip,		do. do.	do.	2 00

Fancy Whips, of the Hard Gum Compound, superior to Whalebone and Ivory—various styles and prices.

HORSE COVERS, WITH HOODS.

Steam Vulcanized
on drilling, well coated
with Rubber.

Black, each - - -	\$6 00
Lustre, Enamelled, on heavy drill, a fine imitation of Morocco, - - -	6 00
Black, Solarized, on drill, each - - -	3 50
White, do. do. 4 00	
Sizes — 1, 2, 3, 4, 5.	

HORSE COVERS, WITHOUT HOODS.

Similar material
to those with hoods.

Black, Steam Vul- canized, - - -	\$4 75
Black, Enam'd, do. 4 75	
Black, Solarized, 3 00	
White, do. 3 50	
A hood is made to go with this Cov- er, price each - 2 00	
Headstalls and Martingales, (no bits,) each - - 5 00	

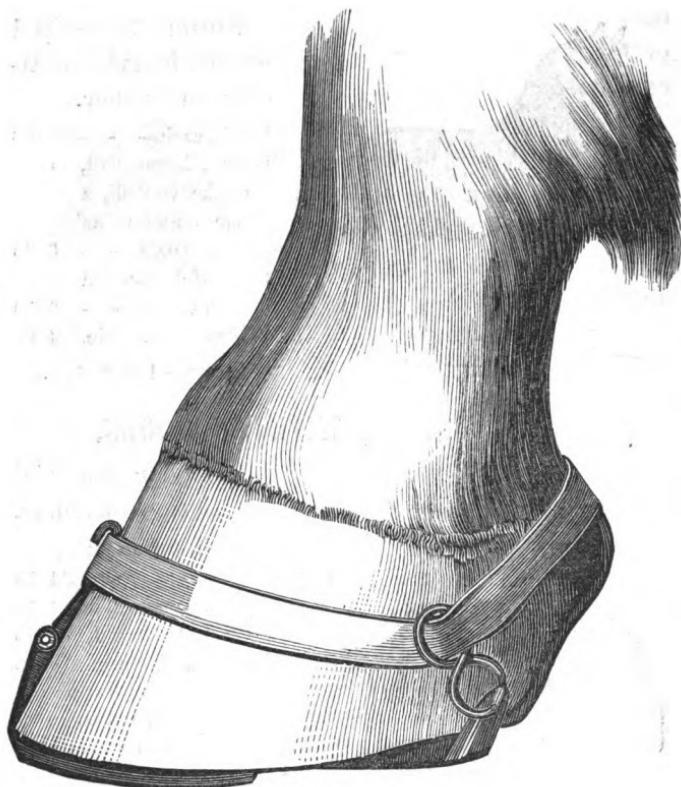
Martingale Rings, - - - - - (See Index.)

HORSE CLOTHS.

A light and convenient article, for Carriage use,
either as a Horse Cover or Carriage Blanket.

No. 1, Black, Vulcanized, Enamelled,	6 x 4½ feet, ea.	\$2 50
No. 2, do. do. do.	6 x 5½ do. do.	3 00
No. 3, do. do. do.	6 x 6½ do. do.	3 50

Patent Noiseless Whiffletree and Safety Transient Bolt, see Index.

HORSE SANDALS.

Price, each - - - - - \$1 75

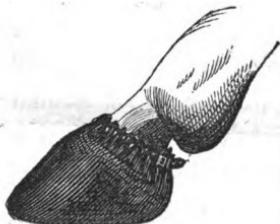
THIS Sandal is a light and portable substitute for a lost horseshoe, and no person who drives at all should be without it. When a proper sized Sandal is obtained it should be properly fitted, an operation easily performed, by putting the Sandal into a vice, and either pressing the heels nearer together, or opening them wider, as it may require. The Sandal is immovably and firmly attached to the foot, without

nails, by means of an endless Rubber band, in half a minute ; and is put on and off as readily, in a manner perfectly easy, when pointed out, though with difficulty explained in description.

The horse's foot is to be taken up and placed between the knees, and the Sandal placed upon it. The thumbs are then to be firmly pressed down upon its heels, and with the two fore fingers of each hand within the band now lying across the Sandal. Slip the inner portion of it upon the heel of the foot. Lastly, with the thumbs again stretch the fore position of the band over the toe and hook it. Sandels are not intended, neither are they required for the hind feet. The same Sandal will answer for either of the fore feet, but different sizes will be needed for different horses.

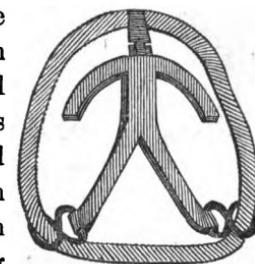
We can send the proper size by being furnished with one of the animal's old fore shoes, or the outlines of his foot (without the shoe) taken upon paper, and sent by mail. But a CLOSE fit at the heels, and a band so TIGHT that it no more than admits of being stretched over the foot, are indispensables.

HOOF OR STUFFING BOOTS.



The best article in use for applying poultices, &c. &c. to a horse's foot, when diseased or injured. It is also valuable for cold water applications, and to prevent horses from injuring themselves in the stable.

Price, per dozen, - - - - - \$24 00





KNEE BOOTS.

Single, per dozen,	- - - - -	\$9 00
Double, do.	- - - - -	12 00

ANKLE BOOTS.

One Strap, per dozen,	- \$6 00
Two do. do.	- 7 50



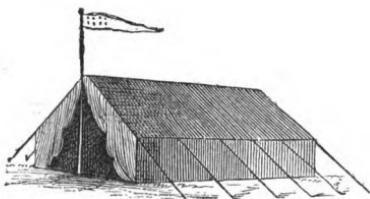
QUARTER BOOTS.

Per dozen,	- - - - -	\$6 00
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Sheep Stockings made to order.

Veterinary Syringes, - - - - - See Index.

Veterinary Catheters, - - - - - See Index.



TENTS.

Various sizes, styles,
and prices,
Made to order.

CAMP BLANKETS.

No. 1, Vulcanized, Coated on Canton Flannel,	per dozen,	\$30 00
No. 2, do. do. do. do. do.		36 00
No. 3, do. do. do. do. do.		42 00
No. 2, Solarized, do. do. do. do.		30 00
No. 3, do. do. do. do. do.		33 00

GUN CASES.



White or Black, Vulcanized, per dozen, - - - - - \$9 00

Pistol Cases, do. do. do. - - - - - 7 50

Sword do. do. do. - - - - - 9 00

FLASKS AND CUPS.

Travelling Flasks.



Tumblers.



Canoe Cups.



Cups with Handles.

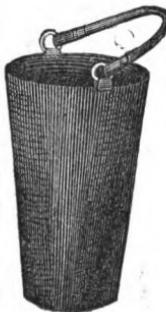
Travelling Flasks, per dozen,	- - - - -	\$8 00
Tumblers, per dozen,	- - - - -	2 50
Canoe Cups, per dozen,	- - - - -	2 50
Cups with Handle, per dozen,	- - - - -	3 00
Bottles,	- - - - -	See Index.

PAILS AND BUCKETS.

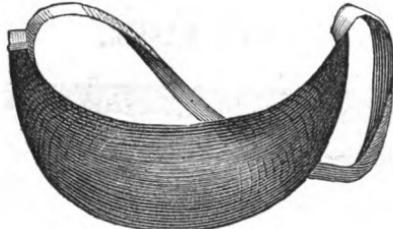
Water Pails.

For Railroads, Steam Engines, and all manufacturing purposes, a Vulcanized Rubber Pail or Bucket is superior to any other.

Black or White, per doz. \$21.



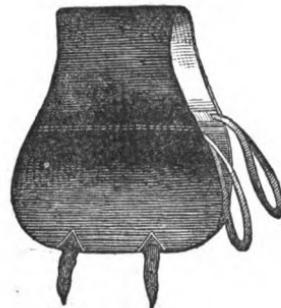
Fire Buckets.

CANTEENS.

Per dozen, - - - - - \$7 50

HAVERSACKS.

Haversacks, Vulcanized,	per dozen, - - - - -	\$7 50
Knapsacks, Vulcanized,	per dozen, - - - - -	18 00
Fishing and Game Bags,	Vulcanized, per dozen, -	9 00
Satchels, Solarized, do.	-	6 00

SADDLE BAGS.

These have a fine enamelled surface, and are much used in South America, Mexico, and the Southern and Western States.

Saddle Bags, per dozen, - - \$36 00

**TRAVELLING BAGS.**

These Bags possess the advantage of being perfectly water and air proof—and will serve as a life preserver in cases of emergency.

Plain No. 1, per dozen, - - - - - \$18 00

Plain No. 2, do. - - - - - 21 00

Plain No. 3, do. - - - - - 24 00

Fancy Travelling Bags have a highly finished enamelled surface in imitation of Morocco.

Fancy No. 1, per dozen, - - - - - \$21 00

Fancy No. 2, do. - - - - - 24 00

Fancy No. 3, do. - - - - - 27 00

Mail Bags and Ship Letter Bags made to order.



NAVY BAGS.

A valuable article for persons going on sea voyages—being made with a roll-up mouth-piece, and flanges and grummets for lacing, will keep clothing, &c., packed in them free from mildew, air and water tight.

No. 1, 27 × 20, per dozen,	- - - - -	\$24 00
No. 2, 30 × 22, do.	- - - - -	30 00
No. 3, 33 × 24, do.	- - - - -	36 00



NAVY BAGS, WITH HANDLES.

Same as No. 1 Navy Bag, with the addition of handles.

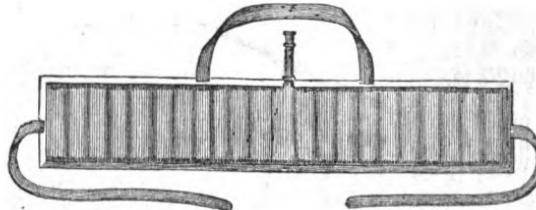
Price, per dozen, - - - - - \$30 00

Square-bottom Bags, same size as
No. 1 Navy Bags, and made in
the same way, excepting the
bottom, per dozen, - - - - - 21 00

Mule or Isthmus Bags, per doz. - 48 00

SWIMMING BELTS.

CLOTH, INTERLINED WITH RUBBER.



No. 1, 4 × 30 inches, and over, per dozen,	- - - - -	\$12 00	
No. 2, 5 × 32 do.	do.	do.	- - - - - 18 00
No. 3, 6 × 34 do.	do.	do.	- - - - - 24 00
No. 4, 7 × 36 do.	do.	do.	- - - - - 30 00

LIFE PRESERVERS.

Flat Life Preservers.



Circular Life Preservers.

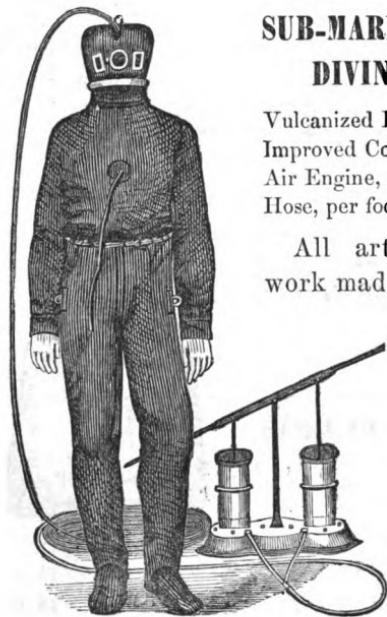
Black, Gum outside, per dozen,	- - - - -	\$15 00
White, do. do.	- - - - -	18 00
Boys', do. do.	- - - - -	12 00

Life Preserver Jackets, Gum outside, per dozen,	- - - - -	\$48 00
Life Preserver Vests, do. do.	- - - - -	36 00
Life Preserver Vests, Cloth interlined with Rubber, with air-tight compartments—the same in appearance as an ordinary Vest, but in reality a Life Preserver, per dozen,	- - - - -	36 00

SUB-MARINE ARMOR AND DIVING APPARATUS.

Vulcanized Dresses,	- - - - -	\$40 00
Improved Copper Helmet,	- -	100 00
Air Engine,	- - - - -	350 00
Hose, per foot,	- - - - -	50

All articles for Sub-Marine work made to order.

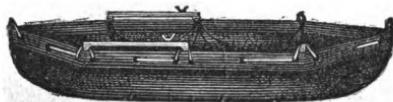
**Couplings.**

Boots, with Leaded Bottoms.

Wristers.

Repairing Cloth.

Cement, &c.

PORTABLE BOATS.

8 feet long, each,	\$50 00
10 do. do. do.	75 00
12 do. do. do.	100 00

A ten-foot Boat can be folded in a box 12 inches wide by 26 inches deep, and 4 feet long.

Hammock Cloths and Boat Covers, Life Buoys, Anchor Buoys, Boat and Wagon Floats, Pontoon for Bridges, Camels for Raising Vessels, &c., made to order, prices according to sizes, &c.

BEDS, PILLOWS AND CUSHIONS.

Beds.



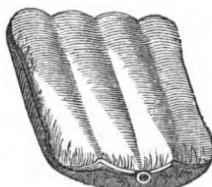
Pillows.

Air Beds, Single, Gum outside, each	- - - - -	\$10 00
Air Beds, do. Ticking do. do.	- - - - -	10 00
Air Beds, Double, Gum do. do.	- - - - -	15 00
Air Beds, do. Ticking do. do.	- - - - -	15 00
Water Beds, Single, each	- - - - -	18 00
Water Beds, Double,	- - - - -	25 00

Air Pillows, Cloth outside, per dozen, - - \$21 00

Air Pillows, Gum do. do. - - 18 00

Water Pillows, per dozen, - - - - - 42 00

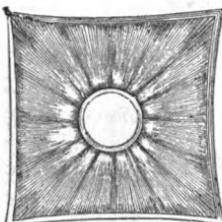


Chair Cushions.

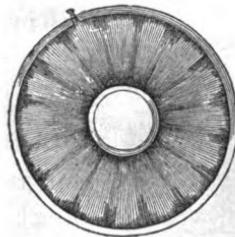
CUSHIONS.

Hospital Cushions.

Cloth, outside reeded, per dozen,	- - - - -	\$21 00
Gum, do. do. do.	- - - - -	18 00
Air Bellows, per dozen,	- - - - -	24 00



Square Radius Cushions.



Circular Radius Cushions.

CUSHIONS.

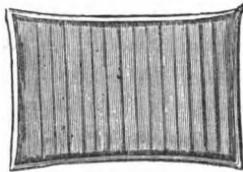
Square Radius Cushions, 15 x 17, each	- - - - -	\$2 00
Square do. do. 17 x 19, do.	- - - - -	2 25
Square do. do. 19 x 20, do.	- - - - -	2 50

Circular Radius Cushions, 15 inches,	- - -	\$1 75
Circular do. do. 17 do.	- - -	2 00
Circular do. do. 19 do.	- - -	2 25

Silk Velvet Cushions, Assorted Colors, Square and Circular.

Neck Pillows, or Cushions, each - - - - - \$2 00

Travelling Cushions—a Pure Gum Circular Cushion, with a Brown Linen Cover, to be put on or off at pleasure; an admirable article to relieve the tediousness of railroad travelling, either as a pillow or seat, occupying little space when uninflated. It is also a Life Preserver. Price, each - - - - 2 50



Reeded Cushions.

Reeded Cushions, 12 x 12, each	- - - - -	\$1 25
Reeded do. 14 x 16, do.	- - - - -	1 75
Reeded do. 16 x 18, do.	- - - - -	2 00
Reeded do. 18 x 19, do.	- - - - -	2 25

Cricket Cushions and Ball Protectors made to order.

DRUGGISTS' ARTICLES.



Nursing Bottles.



Water Bags.

Water Bottles.
For Hot or Cold Water Applications.

Nursing Bottles, per dozen,	- - - - -	\$8 00
Water Bags, No. 1, 14 x 14, per dozen,	- - - - -	12 00
Water Bags, No. 2, 16 x 16, do.	- - - - -	15 00
Water Bags, No. 3, 18 x 18, do.	- - - - -	18 00
Water Bottles, One Quart, per dozen,	- - - - -	3 00
Water Bottles, Two Quarts, do.	- - - - -	6 00



Hobson's Nursing Bottle

Has two openings — one to admit food, and through the other a glass tube extends to the bottom of it. The tube is retained in its place by a Rubber nipple, through which the child nurses without sucking air.

Plain Glass, per doz. - - \$8 00 ; Cut Glass, per doz. - - \$8 50



Breast Guards.



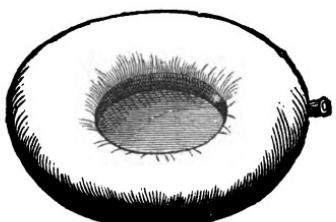
Breast Pumps.

Breast Pumps, per dozen, - - \$10 00

Breast Guards, each - \$1.50 to 2 00

Breast Pads, per pair, - - - - 3 00

DRUGGISTS' ARTICLES.

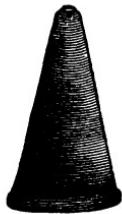


Inflated Bed Pans.



Trimmed Nipple Shields.

Bed Pans, Black or White, per dozen, - - - - - \$24 00
Nipple Shields, with Wood Ends, per gross, - - - - - 21 00



Nipple Shields.

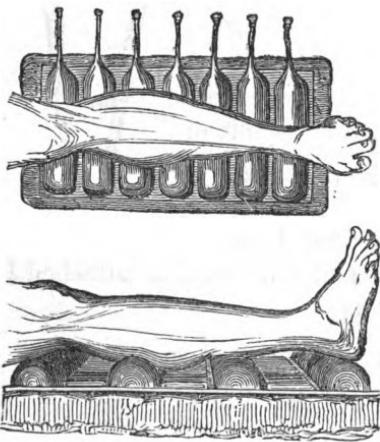


Plain Teething Rings.



French Teething Rings.

Nipple Shields, Plain, per gross, - - - - - \$10 00
Plain Teething Rings, per gross - - - - - 9 00
French Teething Rings, do. - - - - - 12 00



Air Cushions,

WITH SEPARATE AIR CELLS,

Composed of several fracture pads, which can be filled separately or together, and are intended to keep any part of an ulcerated or broken limb from contact with anything.

Head Pillows and Cushions,

Of pure Vulcanized Rubber, different sizes. When filled with air or water they are very soft, and afford great relief to invalids and persons long confined in one position.

Price, each - - - \$2 50 to \$3 00

**Ice or Water Cap.**

This cap is double, containing a cavity, into which the iced water and broken ice are put, and an opening through which the vapors exhaled from the head are allowed to escape. Through a small tube a continuous flow of water may be kept up.

Price, each, from - - \$1 50 to \$3 00

Crutch Air Pads.

Much softer than those generally used.

Price, each, - - - - - 75 cents.



Pads intended to replace the bags of chaff hitherto used in treatment of fractures.

Pads to check the flowing of blood from the Uterus, or bleeding at the nose.

Umbilical Pads,

With air let in at will, and which may be attached to every kind of bandage.

Hernia and Truss Pads, Ear Pads and Cushions,
Made in a variety of forms, adapted to almost every part of the body.

DRUGGISTS' ARTICLES.

Perineal Belt or Bandage,

For Rupture of the membrane separating the rectum from the vagina, and for a prolapsus of the rectum.



Price, each, - - - - - \$6 50

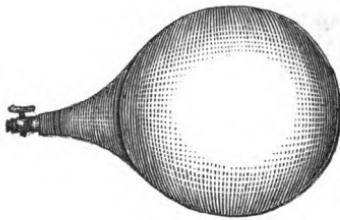
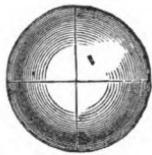
Cushion for Piles.



By its gentle pressure, affording great relief.

Price, each, - - - - - \$3 25

Water Balls or Bladders.



For all cases where hot applications are required, these, when filled with warm water, retain the heat longer than stone jugs or tin cases, and are much softer.

Sponge and Soap Bags.



No. 1, per doz. - -	\$3 00	No. 4, per doz. - -	\$6 00
No. 2, do. - -	4 00	No. 5, do. - -	7 00
No. 3, do. - -	5 00	No. 6, do. - -	8 00

Jar and Vial Covers'

Per gross, - - - - - \$6 00

Dr. Mattson's Patent Elastic Syringe.

This Syringe is constructed on the principle of a pump, but has no piston, and fills itself by atmospheric pressure. It requires but one hand to work it, as the figure indicates. It may be used without an assistant,

and is admirably adapted to all the purposes of a male and female syringe. It is extremely light and portable, and may be easily carried in the pocket. The outlet valve is placed at the end of the Rubber tube, which prevents the return of offensive fluid from the rectum into the syringe.

Price, per dozen, - - - - - \$25 00

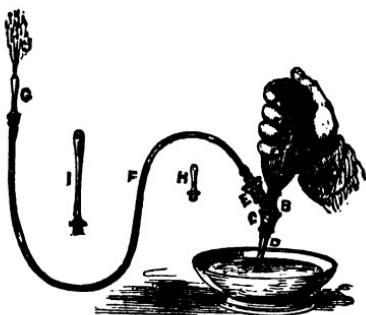
A copy of an illustrated volume of 164 pages, accompanies this Syringe, (without extra charge,) entitled "Manual of Directions for the Employment of Injections in various Diseases, with Remarks upon the Nature and Treatment of Habitual Constipation; preceded by a Treatise on the Intestinal Canal, its Structure, Functions, etc., with a Description of the Digestive Process. By M. MATTSON, M. D., Fellow of the Massachusetts Medical Society, Member of Boston Medical Association, etc."

Injection Tubes, with Wood or Ivory Mountings.

No. 1, per dozen,	- - - - -	\$6 00
No. 2, do.	- - - - -	7 50

DRUGGISTS' ARTICLES.

Lewis's Elastic Syringe.



- A—Rubber Receiver.
- B—Metallic Coupling, joined to C by a screw.
- C E—Metallic Valve Chambers.
- D—Metallic Tube through which the fluid is drawn into the instrument.
- F—Rubber Tube, to which is attached, as they may be needed, the different Pipes.
- G—Pipe for Injecting the Bowels of Adults.
- H—Small Pipe for Injecting the Bowels of Children.
- I—Vaginal Tube.

FOR SELF-ADMINISTRATION.—The Elastic Receiver A should be clasped by the right hand, the end of the metallic tube D resting in the basin containing the fluid intended for use, the left hand being employed in directing the terminal tube G. By compressing the Receiver with the hand and then loosening the grasp, it immediately fills itself with the fluid. By the next compression of the hand upon the Receiver, the fluid thus drawn into the instrument is forced through the Rubber tube, and out of the terminal pipe. By this means a large or small quantity of fluid can be used without difficulty or any alteration of the Instrument.

Price, per dozen, - - - - - \$20

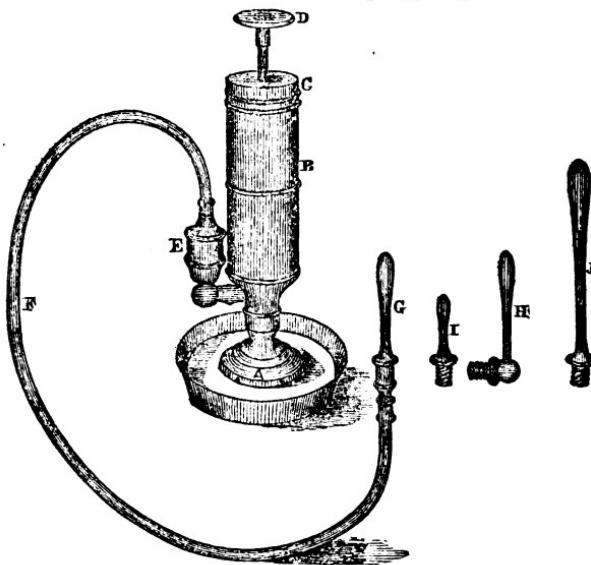
French Pocket Syringe.



This Syringe holds about a pint; when empty, it can be easily folded into a small compass.

Price, per dozen, - - - - - \$12, \$15, and \$18

Lewis's Metallic Pump Syringe.



- A—Base of Instrument, through which the fluid is drawn into the Barrel.
 B—Metallic Barrel, containing the Piston or Plunger.
 C—Cap, connected to the Barrel by a Screw.
 D—Piston Rod, terminating within the Barrel by the Piston or Plunger.
 E—Metallic Chamber, containing a valve to which is connected, by a Screw, the India Rubber Tube.
 F—India Rubber Tube, to the end of which the different Pipes are attached, as they may be needed.
 G—Straight Pipe, to be connected with the India Rubber Tube, when used with an assistant.
 H—Crooked or Angular Tube, to be used without an assistant.
 I—Small Pipe, for Injecting the Bowels of Children.
 J—Female or Vaginal Tube.

Price, per dozen, - - - - - \$30 00



Penis Syringes.



Eye and Ear Syringes.

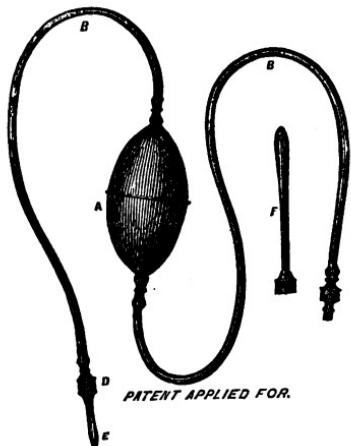


White Syringes.

Penis Syringes, per dozen,	- - - - -	\$7 00
Eye and Ear Syringes, per dozen,	- - - - -	7 00
White Vulcanized Rubber Syringes, No. 1, per doz.	- -	8 00
White do. do. do. No. 2, do.	- -	9 50
White do. do. do. No. 3, do.	- -	12 00

DRUGGISTS' ARTICLES.

Davidson's Syphon Syringe.



The Bulb (A) and the Tubes (BB) are made of Vulcanized Rubber, all the other parts of block tin. The box (C) contains a valve opening inward, and (D) contains a valve opening outward. To this the anal pipe (E) or the vaginal pipe (F) may be fitted. By the alternate compression and expansion of

the Bulb, any quantity may be administered without moving the instrument. The ease with which it can be managed, in any posture of the body, by an invalid, and its adaptation to those cases in which the injection requires, for its efficient action, a level or even an inclined position, recommend it to the favorable notice of the public.

Price, per dozen, - - - - - \$18 00

Veterinary Syringes.

Same pattern as the above, only on a larger scale.

Price, per dozen, - - - - - \$30 00

Female Irrigators, or Syringe,

For a continuous flow of water into the Vagina.

Price, each, - - - - - \$6 50

Hard Gum Syringes, - - - - - See Index.

**Vaginal Syringes.****With Hard Gum Mountings,**

Per dozen, - - - - 12 00

**Black Syringes.**

No. 1, per doz. - - - - \$7 00

No. 2, do. - - - - 8 00

No. 3, do. - - - - 9 00

Vaginal Syphons.

Price, per dozen, - - - - - \$27 00

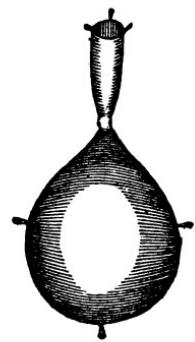
Thiers' Clyso de Voyage.**A French Travelling Syringe.**

Price, each, - - - - - \$2 50

Thiers' Teterelle,

Or Breast Pump and Nursing Bottle combined.

Price, each, - - - - - \$4 50

**Simple Urinal.**

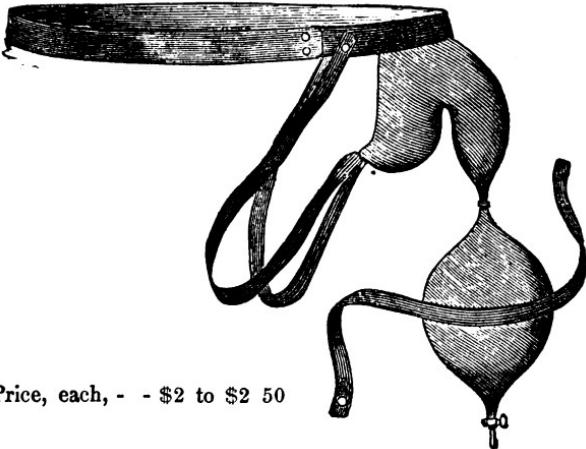
This apparatus is intended to remedy the inconvenience resulting from incontinence of water. Various patterns.

Price, each, from - - - \$1 to \$1 75

**Urinal with Waistband.**

The two parts of this apparatus are connected by a gilt brass coupling, allowing each part to be cleaned separately and completely.

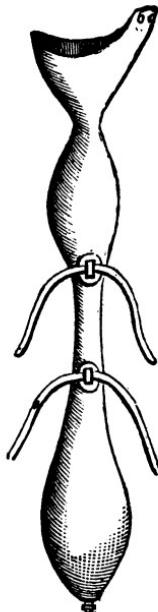
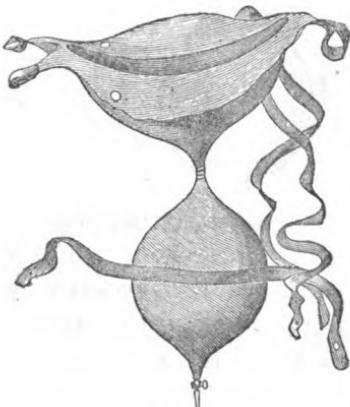
Price, each, from \$1 25 to \$3 00

DRUGGISTS' ARTICLES.**Urinal with a Waistband and Suspensory.**

Price, each, - - \$2 to \$2 50

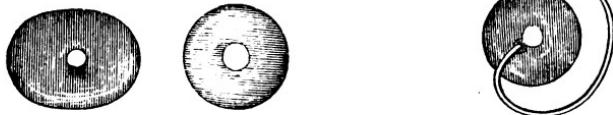
No. 3 Urinal.

Price, each, - - - - - \$1 75

**Female Urinal.**

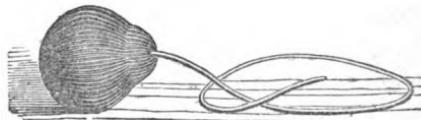
Price, each - - - - - \$2 00

Permanent Air Pads and Pessaries.



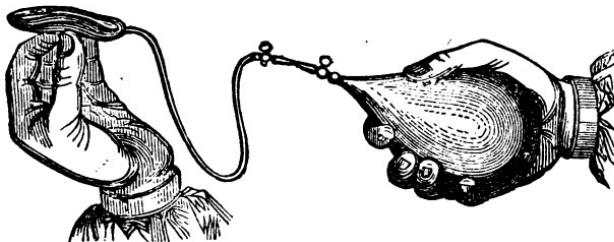
For all purposes of a Pad and Pessary, Vulcanized India Rubber seems peculiarly adapted. From the inflexible nature of all other substances, much pain is occasioned, and oftentimes excessive inflammation; but India Rubber is very soft, assumes any shape desired, and always maintains an equal pressure.

Plain Pessaries.



Price, per dozen, - - - - - \$6 00

Pessaries with Inflators.

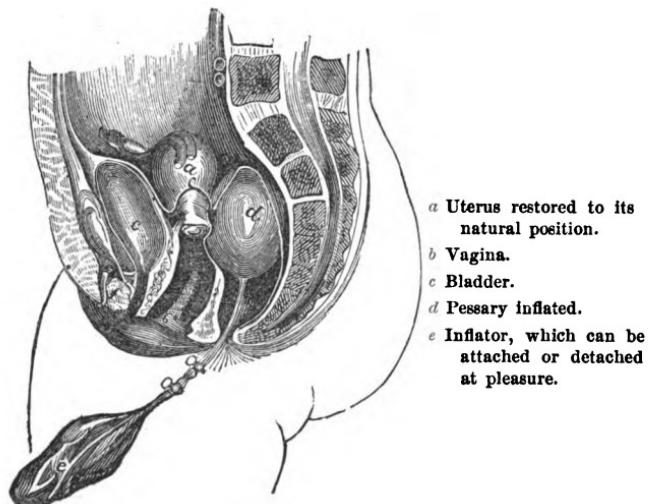
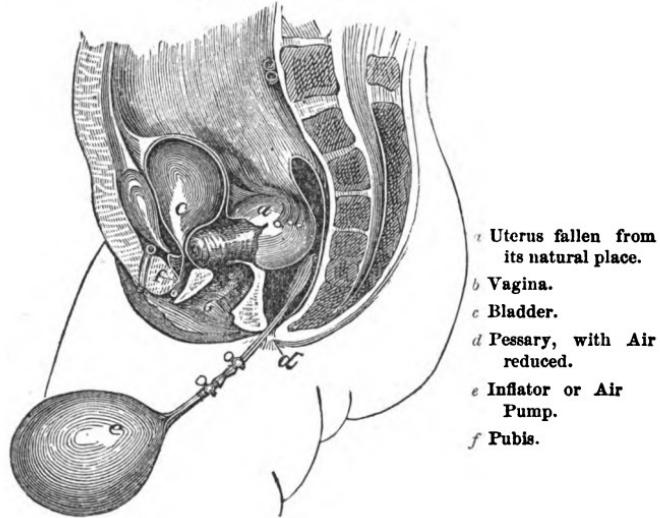


To be filled with air, at will, without the aid of an assistant—increasing or decreasing the pressure as the patient is inclined; the Air Pump is disconnected at pleasure.

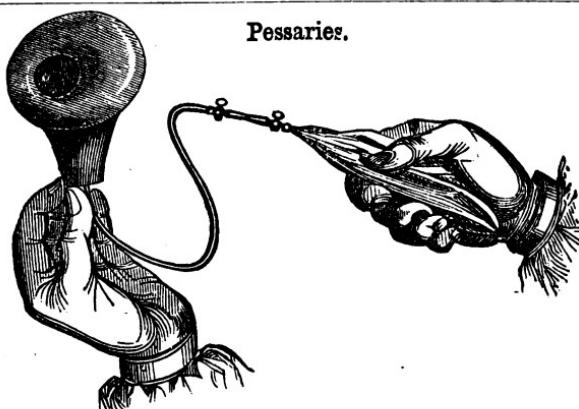
Price, per pair, - - - - - \$1 to \$4

DRUGGISTS' ARTICLES.

Instrument for Replacing the Vagina in its Natural Position.



Price, each, with Inflator, - - - - - \$5 00

Pessaries.

Pear Shaped; Conic, Round and Oval Shaped,
various patterns and prices.

Stem Pessaries,

In Semi-hard Gum—different patterns and prices.

Hand Air Pump or Inflator.

This Instrument is used
for the introduction of air
into the different Pessa-
ries, Pads, etc.

Price, per dozen, \$10 to \$24

**Pyxide.**

This Instrument is intended for the introduction
of medicinal powders into those organs which it is
difficult to act upon on account of their position. It
is useful in cases of inflammation of the tonsils, the
neck of the uterus, parts of the body affected with
cancer, deep-seated ulcers, etc.

Price, per dozen, - - - - - - - - - - - - - - - - - \$18 00

CATHETERS—Male and Female.**BOUGIES, PROBES, SONDES—Male and Female.**

DRUGGISTS' ARTICLES.

PRESERVATIVES — STETHOSCOPES.

VAGINAL TUBES — STOMACH TUBES.

CUPPING CUPS, per dozen, - - - - - \$7 50

SHEET RUBBER, for Bandages, Surgical uses,
etc., per lb. - - - - - \$2 00

TISSUES IN RUBBER.

DENTAL AND SURGICAL TUBING.

HOSPITAL SHEETING, - - - - - See Index.

BED AND CRIB SHEETS, - - - - - See Index.

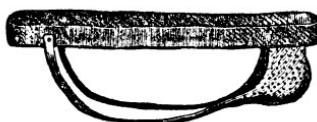
DISSECTING GLOVES AND APRONS, - - - See Index.

VULCANIZED THREAD of all sizes, for joining
the edges of wounds, etc. - - - - See Index, •

ANTI-RHEUMATIC WAISTBANDS OR BELTS, each, - \$2 00

UMBILICAL WAISTBAND WITH AIR CUSHION, for
Infants, to prevent Hernia, etc., each, - - \$1 75

Suspensories and Suspensory Bandages,



Of Pure Gum, or Woven
with Cotton or Silk on a
Rubber Thread; a variety
of patterns and prices.

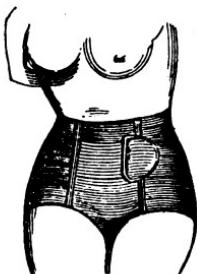
Surgical Bracelets and Bandages.



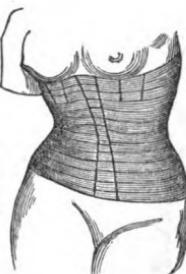
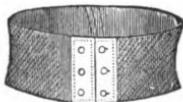
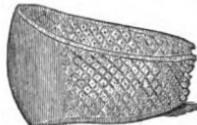
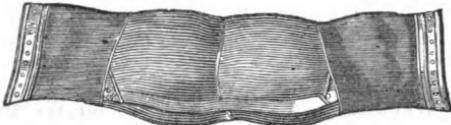
Bandage with Air Cushion,

For the protection of Ulcers, Issues, etc.,
never slipping off, making the pressure
more uniform, and adapted to the conical
shape of the leg or arm.



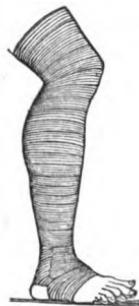
BANDAGES AND ELASTIC GOODS.**Bandages for the Body,**

Of pure Vulcanized Sheet Gum, and of Woven India Rubber Thread, covered with Cotton or Silk : different prices.

**Waist Bands or Belts for the Stomach, Abdomen, &c.****Hernia Bandages, with Air Pads.****Umbilical Belts****and Bandages.****Accouchment Belts.****Sponge Cloth.**

FELTED SPONGE, with a rubber-coated back, adapted to the purpose of confining the perspiration, irritating the surface, blistering, &c.

BANDAGES AND ELASTIC GOODS.



Elastic Stockings,
Assorted sizes, in Cotton and
Silk.

Elastic Leggins.
Elastic Knee Caps.
Elastic Ankle Socks.
Elastic Calf Pieces.
Elastic Thigh Pieces.



Elastic Cloth,

From five to sixteen inches wide, for varicose veins,
swelling of the legs, &c.

Congress Boot



Webbings.

Cotton, Alpaca, and Silk; Corrugated and Woven;
Black and Fancy Colors, from 2 to 6 inches wide.

Shirred or Corrugated Cloth.

Coarse Strand Cotton, assorted colors,	1 yd. wide, per yd.,	\$4 00
Fine do. do. do. do. 1 do. do. 4 50		
Fine do. Silk do. do. 22 in. do. do. 6 00		
Fine do. Satin do. do. 28 in. do. do. 7 00		

Belt Webbings, in Silk, Mohair and Worsted.

1 in. Black, Striped, Plaid, Plain and Fancy Colors.						
1½ in. do. do. do. do. do. do.						
1½ in. do. do. do. do. do. do.						
1¾ in. do. do. do. do. do. do.						
2 in. do. do. do. do. do. do.						

ELASTIC CORDS, BRAIDS, &c.**Sandalings.**

Black, White and Colors, in Cotton and Silk:
2, 3, 4, 5, 6, 7 and 8 Strand.

Per gross of yards, - - - - - \$0 00

Braids.

Black, White and Colors, in Cotton and Silk, from
1 to 20 strand.

Per gross of yards, - - - - - \$0 00

Sleeve Ties and Armlets.

Assorted Colors in Cotton and Silk:
4, 5, 6, 7, 8, 9, 10, 11 and 12 Cord.

Per gross, - - - - - \$0 00

Garter Webbs and Frills.

Plain, Stripes, Plaids, and Assorted Colors in Cotton
and Silk: $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch.

Per yard, - - - - - \$0 00

Shoulder Brace and Suspender Webbs.

In White, Drab and Striped Cotton, with and without
Colored Silk Edge—1, $1\frac{1}{2}$, and 2 inches wide.

Per yard, - - - - - \$0 00

Suspenders,

Of superior quality of Elastic Webbings.

Garters and Wristers.

Per gross, - - - - - \$0 00

Corset Webbing.

Cotton—White and Drab.

Per yard, - - - - - \$0 00

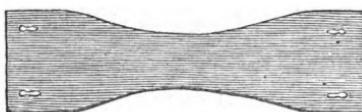
Elastic Vest Backs.

Per gross, - - - - - \$9 00

Ladies' and Children's Elastic Belts.

ELASTIC STRAPS, EXPANDERS, &c.

Elastic Pant Straps.



Drab and Black, Two-hole, per gross of pairs, - - - - - \$12 00



Drab and Black, One-hole, per gross of pairs, - - - - - \$9 00

Elastic Gaiter Straps, with Cloth Insertion.

Drab and Black, per gross of pairs, - - - - - \$9 00

Chest Expanders.



No. 1, per dozen, - - - - - \$5 00

No. 2, do. - - - - - 7 50

No. 3, do. - - - - - 10 50

No. 4, do. - - - - - 15 00

Patent Paint Brush Binders.

A new and economical article, entirely superseding the trouble and expense of winding each brush with twine before using it.

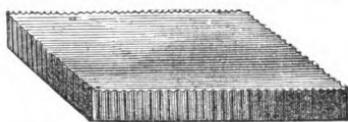
Vulcanized Thread.

16, 22, 26, 30, 36, 40, 50 and 60 threads to the inch.

Other sizes made to order.

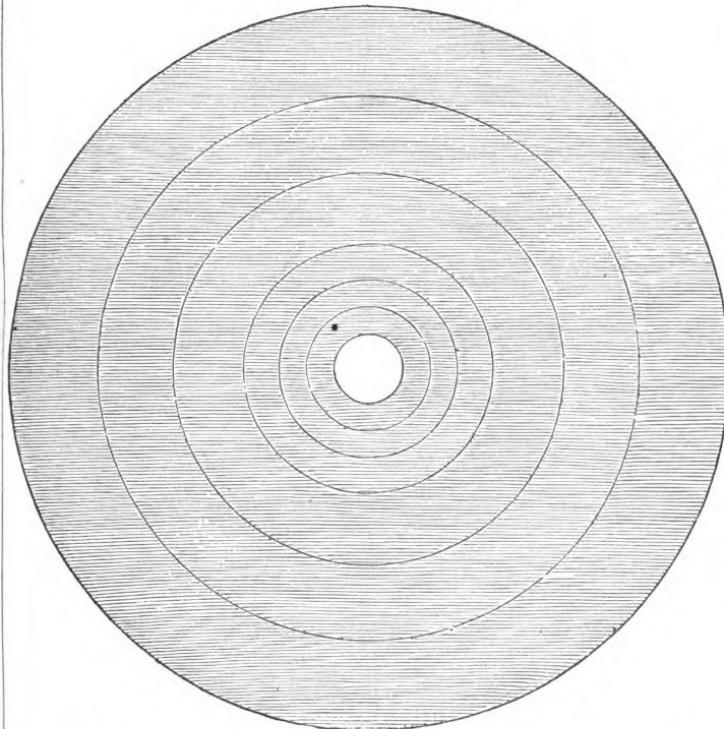
Per lb. - - - - - \$0 00

Stationers' or Artists' Gum,

IN POUND
BOXES,PRICE
\$1 EACH.

10, 20, 30, 40 or 60 Pieces to a Box.

Elastic Rings,



For placing round Papers or Parcels of every description, and adapted to a variety of Mechanical and Manufacturing purposes, *in gross boxes*.

No. 1, per gross, small sizes, assorted,	\$ 75 ; Pure Gum,	\$1 00
No. 2, do. - - - - -	1 50 ; do.	2 00
No. 3, do. - - - - -	3 00 ; do.	4 00

STATIONERS' BANDS.



India Rubber Bands, $\frac{1}{4}$ inch, per gross,	-	-	-	-	-	-	-	Light, \$2 00 ; Heavy, \$2 50
India Rubber Bands, $\frac{3}{4}$ inch,	-	-	-	-	-	-	-	Light, 2 50 ; Heavy, 3 00
India Rubber Bands, 1 inch,	do.	-	-	-	-	-	-	-
India Rubber Bands, $1\frac{1}{2}$ inch,	do.	-	-	-	-	-	-	- 4 50
India Rubber Bands, 2 inch,	do.	-	-	-	-	-	-	- 6 00

Patent Flexible Inkstand,

Made entirely of Vulcanized Rubber, except the cup, which is of glass. Its advantages over those in general use are its perfect convenience, a mere pressure of the body of the inkstand being all that is required to force the ink into the cup; and by one turn of the cup, the ink returns to its place. The inkstand being perfectly air-tight, the ink cannot become thick and mouldy, and there is no liability of breakage, or getting out of order.

Price, per dozen, - - - - - \$12 00

Stationers' Elastic Cord and Braid,

For Memorandum and Pocket Book Manufacturers,
from 1 to 20 cord, in Silk or Cotton.

Virgin Gum or Native Rubber.

Per lb. - - - - - \$1 00

Gutta Percha Envelopes or Letter Holders,

Various Sizes and Prices.

Pen and Pencil Cases, - - - - - See Index.

Pen Holders, &c. - - - - - See Index.

Rulers and Paper Folders, - - - - - See Index.

Tape Measures, - - - - - See Index.

Fancy Boxes, - - - - - See Index.



PAINTED TOYS.

In Case. Per Doz.

No. 0	Growling Lion,.....	24	doz	\$2 25
1	do	24	do	3 50
2	do	24	do	7 50
1	Chattering Monkey,.....	24	do	2 75
1	Horse and Groom,.....	24	do	3 50
1	Cow and Maid,	24	do	3 50
1	Singing Birds in Bouquets,	24	do	4 00
1	English Coat of Arms,	24	do	3 50
0	Chattering Rabbits,	24	do	2 25
5	Fish,	24	do	2 00
0	Hooting Owls,	24	do	2 25
0	Croaking Frogs,	24	do	2 25
0	Watches,.....	48	do	1 75
0	do gold,	24	do	3 25
2	Golden Rattles,	24	do	6 00
2	Soldier,	24	do	2 25
0	Duck and Young,.....	24	do	2 50
3	Barking Dog and Pups,	24	do	3 25
0	Cat and Kits,	24	do	3 25
0	Mice,	24	do	2 25
0	Paroquets,.....	24	do	2 50
1	Santa Claus,	12	do	12 00
1	Blue Beard,	12	do	12 00

PAINTED TOYS.

		In Case.	Per Doz.
No. 1	Old Women and Children, in Shoe,	24 doz	\$4 50
1	Elephant,	24 do	4 50
1	Peacock,	24 do	
2	do	12 do	
1	Boy and Bouquet,	24 do	6 00
1	Sailor Boy,	24 do	9 00
1	Flower Girl,	24 do	
4	Red Riding Hood,	24 do	4 50
5	do	12 do	7 50
6	Red Riding Hood and Wolf,	12 do	10 50
5	Chess Men,	48 sett,	3 00
10	do	24 do	6 00
10	do gold and bronze,	12 do	10 00
2	Roly Poly,	24 doz	6 00
3	do	24 do	6 00
5	do	24 do	6 00
6	do	24 do	12 00
1	Highland Puzzle,	24 do	6 00
1	Fireman,	24 do	
1	Boots,	144 doz pair,	1 25
2	do	144 do	1 25
3	do	144 do	1 25
1	Shoes,	144 do	1 00
2	do	144 do	1 00
3	do	144 do	1 00
Draw Knobs,		24 doz	3 00
Fille du Regiment,		24 do	
Bloomer,		24 do	
Checkers,		144 sets,	

Duplicates of the above, in Unpainted, to order.

UNPAINTED TOYS.

		In Case.	Per Doz.
No. 0	Barking Dogs,	24 doz	\$1 75
1	do	24 do	2 50
2	do	24 do	6 00
1	Cottage,	24 do	2 50
1	Chirping Squirrels,	24 do	2 00
0	Eagles,	24 do	1 75

Unpainted Toys—Continued.

		In Case.	Per Doz.
No. 0	Mewing Cats,	24	do \$1 75
0	Bleating Lambs,	24	do 2 00
0	Growling Bears,	24	do 2 00
2	Fish,		
0	Watches,	48	do 1 50
1	Rattles, embossed,	100	do 2 25
2	do do	50	do 2 50
3	do two faces,	50	do 2 50
1	Soldier,	24	do 1 00
0	Hen and Chickens,	24	do 2 00
2	Old Women and Children, in Shoe,	12	do
5	Ten Pins and Balls,	48	do
6	do do	24	do
7	do do	12	do
1	Teething Rings,		gross,
2	do		do 9 00
3	do		do
3	Red Riding Hood,		36 doz
1	Roly Poly,	24	do
4	do	24	do 4 50

Duplicates of the above, in Painted, to order.

PAINTED DOLLS.**Doll Heads.**

		In Case.	Per Doz.
No. 1	Doll Heads, flowers,	64	do \$1 50
2	do	64	do 1 50
3	do	48	do 2 50
6	do	36	do 3 50
7	do	24	do 4 00
8	do laughing,	24	do 5 00
9	do Negro, do	24	do 5 00
12 A	do	24	do 6 00
13	do laughing,	24	do 6 00
14	do	24	do 6 00
15	do	12	do 7 50
17	do flowers,	12	do 9 00
18	do	12	do 9 00
18A	do	12	do 9 00

Duplicates of the above, in Laughing Heads, to order.

Full Length Dolls.

		In Case.	Per Doz.
No. 2 Full Length Babies,		144 doz	\$1 25
3 do do		96 do	1 75
3½ do do		96 do	2 00
4 do do		72 do	2 50
6 do do		24 do	6 00
7 do do		24 do	8 00
8 do do		24 do	10 00
20½ do do		12 do	13 50
21 do do Negro,		6 do	15 00
21A do do		6 do	15 00
22 do do Negro,		6 do	18 00
23 do do		6 do	18 00
24 do do		6 do	21 00

UNPAINTED DOLLS.**Doll Heads.**

		In Case.	Per Doz.
No. 5 Doll Heads,		36 doz	\$2 75
10 do		24 do	4 00

Full Length Dolls.

1 Full Length Babies,		288 doz	\$ 50
2 do do		288 do	75
3 do do		288 do	1 00
5 do do laughing,		48 do	3 75
20 do do do		12 do	10 50

B A L L S.

		In Case.	Per Doz.
No. 5 Bat Balls, hollow,		144 doz	\$
10 do do		96 do	0 75
20 do do		72 do	1 12½
30 do do		48 do	1 75
40 do do		48 do	2 25

Balls—Continued.

No.	5	Sponge Bat Balls,	In Case.	Per Doz.
10	do	do	96	do 75
20	do	do	72	do 1 12
30	do	do	48	do 1 75
40	do	do	48	do 2 25
45	do	do	48	do
50	do	do	36	do
60	do	do	24	do
5	Solid Balls,		144	do
10	do		96	do 1 00
20	do		72	do 1 50
30	do		48	do 2 00
40	do		48	do 3 00
45	do		48	do
50	do		36	do
60	do		24	do
10	Parlor Balls,		96	do 0 62½
20	do		72	do 1 00
30	do		48	do 1 50
40	do		48	do 2 00
50	do		36	do 3 50
60	do		24	do 4 50
10	do	fancy colors,	96	do 0 87½
20	do	do	72	do 1 25
30	do	do	48	do 1 75
40	do	do	48	do 2 25
50	do	do	36	do 4 00
60	do	do	24	do 5 00
10	do	pencil colors,	96	do 1 25
20	do	do	72	do 1 75
30	do	do	48	do 2 25
40	do	do	48	do 2 75
50	do	do	36	do 6 00
60	do	do	24	do 7 50
10	Golden Balls,		24	do 3 00
20	do		24	do 3 50
30	do		24	do 4 00
40	do		24	do 4 50
50	do		12	do 9 00
60	do		12	do 12 00

FOOT BALLS.

	In Case.	Per Doz.		Per Doz.
4½ Inch Vulcanized Gum,	3 doz	\$0 00	Solarized Cloth,	\$10 00
6 do	do	12 00	do	12 00
7 do	do	15 00	do	15 00
8 do	do	18 00	do	18 00
Sheaths and Arrows,	per dozen,	- - - - -	\$0 00	
Canes, Combs, &c.	- - - - -		See Index.	

Wallets and Tobacco Pouches.

No. 30 Wallets,	72 doz	\$1 50
50 do	36 do	2 50
60 do on cloth,		

Money Belts, different kinds and prices.

Maps.

Outline, Embossed and Lithographed Maps on hand and made to order.

LADIES' DRESS SHIELDS.

Per gross, - - - - - \$12 00

Ladies' Hoops and Dilators.

Breast Pads, Aprons, &c.	- - - - -	See Index.
Garters, Wristers, Elastics, Belts, &c.	-	See Index.
Accouchment Belts,	- - - - -	See Index.
Ladies' Hoods, Hood Capes, Cloaks, &c., and any description of Wearing Apparel made to order.		

MECHANICAL ARTICLES.



Machine Belting.

THE superiority of Rubber Belting over the best Leather Belting has been proved by a trial of ten years. Rubber Belting has a smooth and even surface, seldom requires tightening more than once, and runs straight with a perfect bearing on the pulley, by which a power of twenty per cent is gained over Leather Belting. It can be constantly run in wet places, and exposed to the weather without injury. The first cost is also much less than leather.

PRICES OF MACHINE BELTING.

THREE PLY.		FOUR PLY.	
2 in.	10 cts per foot.	2 in.	13 cts per foot.
3 do	15 do	3 do	17 do
4 do	20 do	4 do	24 do
5 do	24 do	5 do	30 do
6 do	29 do	6 do	36 do
7 do	34 do	7 do	41 do
8 do	38 do	8 do	47 do
9 do	45 do	9 do	58 do
10 do	54 do	10 do	69 do
11 do	60 do	11 do	75 do
12 do	66 do	12 do	83 do
13 do	72 do	13 do	92 do
14 do	81 do	14 do	100 do
15 do	86 do	15 do	107 do
16 do	92 do	16 do	115 do
18 do	104 do	18 do	130 do
20 do	115 do	20 do	144 do
22 do	127 do	22 do	158 do
24 do	138 do	24 do	173 do

Machine Belting,**FOR AGRICULTURAL MACHINES AND OTHER LIGHT WORK.**

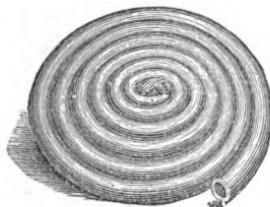
TWO PLY.		TWO PLY.	
1 in.	..... 5 cts per foot.	3 in.	..... 12 cts per foot.
1½ do	..... 6 do	3½ do	..... 14 do
2 do	..... 8 do	4 do	..... 16 do
2½ do	..... 10 do	5 do	..... 20 do

Railway Belting,**VERY LIGHT, FOR RAILWAY BELTS IN COTTON MILLS, &c.**

6 in. 20 cts per foot.		10 in. 30 cts per foot.	
7 do	..... 22 do	12 do	..... 35 do
8 do	..... 25 do	14 do	..... 41 do
9 do	..... 27 do	15 do	..... 44 do

Lace Leather

Of the first quality, and at the lowest market prices.

INDIA RUBBER HOSE.

GREAT improvements, combining strength, firmness, and flexibility, have been made in the manufacture of Vulcanized Rubber Hose, which warrant us in asserting it to be superior to any other made. It is furnished in lengths of fifty feet or less, and of any size and strength required. The sizes indicated in the list are the inner diameters. It is warranted never to stiffen by cold, nor to be affected by heat at 300 degrees Fahrenheit. Unlike leather, it requires no oiling, and is much less in price.

The Two Ply, or Conducting Hose, is not calculated to stand much pressure.

The Three Ply Hose, used for Hydrants, &c., is made to stand a pressure of 75 lbs. to the square inch.

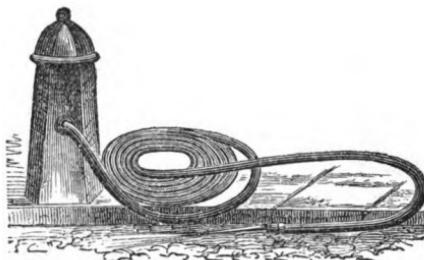
The Four Ply Hose, used for Locomotives and for Leading Hose for Fire Engines and other purposes, is made to withstand a pressure of 175 lbs. to the square inch.

The Five Ply Hose is for Steam Fire Engines and for conducting steam.

PRICES OF HOSE.

Conducting Hose, Two Ply.

$\frac{1}{2}$ in. Inter. Diam.	17 cts per ft.	4 in. Inter. Diam.	70 cts per ft.
$\frac{3}{4}$ do	do	5 do	85 do
1 do	do	6 do	100 do
$1\frac{1}{2}$ do	do	7 do	117 do
$1\frac{1}{2}$ do	do	8 do	133 do
$1\frac{3}{4}$ do	do	9 do	150 do
2 do	do	10 do	165 do
3 do	do	53 do	



Hydrant Hose, Three Ply.

$\frac{1}{2}$ in. Inter. Diam.	20 cts per ft.	$1\frac{1}{2}$ in. Inter. Diam.	33 cts per ft.
$\frac{3}{4}$ do	do	22 do	40 do
$\frac{5}{6}$ do	do	23 do	45 do
1 do	do	27 do	65 do
$1\frac{1}{2}$ do	do	30 do	

Engine Hose, Four Ply.

$1\frac{3}{4}$ in. Inter. Diam. 50 cts per ft.	$2\frac{1}{2}$ in. Inter. Diam. 65 cts per ft.
2 do do 55 do	$2\frac{3}{4}$ do do 70 do
$2\frac{1}{4}$ do do 60 do	3 do do 75 do

Steam Hose, Five Ply.

$1\frac{3}{4}$ in. Inter. Diam. 65 cts per ft.	$2\frac{3}{4}$ in. Inter. Diam. 100 cts per ft.
2 do do 70 do	3 do do $112\frac{1}{2}$ do
$2\frac{1}{4}$ do do 80 do	$3\frac{1}{2}$ do do 125 do
$2\frac{3}{4}$ do do 90 do	4 do do 140 do

Suction and Sub-Marine Spiral Wire Hose.

1 in. Diameter, .. 50 cts per ft.	3 in. Diameter, .. 250 cts per ft.
$1\frac{1}{4}$ do do .. 75 do	$3\frac{1}{2}$ do do .. 300 do
$1\frac{1}{2}$ do do .. 100 do	4 do do .. 400 do
$1\frac{3}{4}$ do do .. 125 do	5 do do .. 500 do
2 do do .. 150 do	6 do do .. 600 do
$2\frac{1}{2}$ do do .. 200 do	

Hose Pipes.

	Per Doz.
Cocks on large end, for $\frac{1}{2}$ in., $\frac{5}{8}$ in., and $\frac{3}{4}$ in. Couplings, ..	\$30 00
Cocks on small end, for $\frac{1}{2}$ in., $\frac{5}{8}$ in., and $\frac{3}{4}$ in. do ..	24 00
Do do do 1 in. do ..	36 00
Do do do $1\frac{1}{4}$ in. do ..	42 00
Do do do $1\frac{1}{2}$ in. do ..	48 00
Plain Pipes, $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., and $\frac{7}{8}$ in.	18 00
Do do 1 in.	24 00
Do do $1\frac{1}{4}$ in.	30 00
Do do $1\frac{1}{2}$ in.	36 00
Do do $1\frac{3}{4}$ in.	39 00
Do do 2 in.	48 00
Do do $2\frac{1}{2}$ in.	60 00

Sprinklers.

For $\frac{1}{2}$ in., $\frac{3}{4}$ in., and $\frac{7}{8}$ in., per dozen,	\$4 50
For 1 in., $1\frac{1}{4}$ in., and $1\frac{1}{2}$ in., do	9 00

Hose Couplings.

Hose Couplings, plain, $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., and $\frac{7}{8}$ in., per doz.	\$6 00
Do do 1 in., per dozen,	9 00
Do do $1\frac{1}{4}$ in., do	12 00
Do do $1\frac{1}{2}$ in., do	18 00
Do do 2 in., do	27 00
Do do $2\frac{1}{2}$ in., do	33 00
Do do 3 in., do	39 00
Do with screws and bands, $\frac{3}{4}$ in., per doz ..	9 00
Do do do 1 in., do ..	12 00
Do do do $1\frac{1}{4}$ in., do ..	15 00
Do do do $1\frac{1}{2}$ in., do ..	24 00
Do do do 2 in., do ..	36 00
Do do do $2\frac{1}{2}$ in., do ..	44 00
Do do do 3 in., do ..	54 00

Vulcanized Rubber Tubing.

$\frac{1}{16}$ inch Diameter, per foot, ..	Light, 6 cents ..	Heavy, 8 cents.
$\frac{1}{16}$ do do do .. do	8 do ..	do 10 do
$\frac{3}{16}$ do do do .. do	10 do ..	do 12 do
$\frac{1}{4}$ do do do .. do	12 do ..	do 14 do
$\frac{5}{16}$ do do do .. do	14 do ..	do 16 do
$\frac{3}{8}$ do do do .. do	16 do ..	do 18 do
$\frac{7}{16}$ do do do .. do	.....	do 20 do
$\frac{5}{8}$ do do do .. do	.....	do 22 do
$\frac{3}{4}$ do do do .. do	.....	do 24 do
1 do do do .. do	.....	do 24 do

French Dental, Surgical, and Chemical Tubing,

All sizes, from $\frac{1}{32}$ to $\frac{3}{8}$ inch in diameter, from 75 cts to 25 cts per oz.

Gutta Percha Tubing, - - - - - See Index.

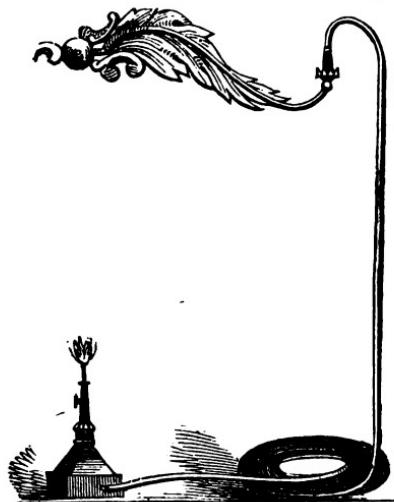
Billiard Tubing and Cushions,

Round Tubes; Diamond Strips made in Moulds, and
and all other varieties, of a superior elasticity.

Per Table Set, - - - - - \$7 00 to \$12 00

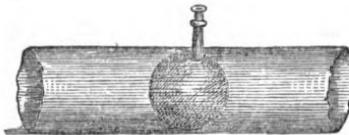
Tubing for Railroad Car Brake', of all Sizes,

Made to order.

Shaw's Patent Gas Proof Tubing.

This is the only non-absorbent flexible tubing yet invented. It is warranted to conduct gas any length of time without emitting the slightest odor, and is peculiarly adapted for gas stoves, for changeable lights, &c.

Price per foot, - - - - - 40 cents.

**Shaw's Patent Gas Balls, for Repairing Mains,**

Made to order of any size.

Door Spring.

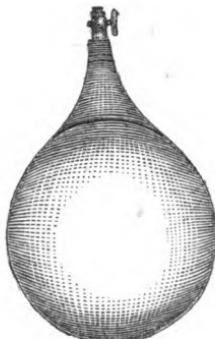
Per dozen, - - - - -	\$2 50
Per dozen, with Irons, - - - - -	3 00

Railroad Car Springs.

Per lb. - - - - -	\$0 60
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Wagon and Carriage Springs.

Per lb. - - - - -	\$0 60
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Shaw's Patent Gas Bags and Gasometers.**OVAL BAGS.**

$1\frac{1}{2}$ gallons each,	\$1 50	18	\times	24	each,	\$5 00
$2\frac{1}{2}$ do do	1 75	.....	20	\times	30	do	6 00
3 do do	2 00	.....	24	\times	30	do	7 00
5 do do	3 00	.....	30	\times	40	do	9 00

**SQUARE BAGS.**

Other sizes made to order at short notice.

Water Tanks and Cisterns.

3 gallons each,	- - - - -	\$1 75
5 do do	- - - - -	2 50
10 do do	- - - - -	5 00

Larger sizes from 20 to 100 gallons, with Hose Couplings, etc., made to order.

Liquor Bottles,

From one to twenty gallons.

Deck Scrubs.

Per dozen, - - - - - \$9 00

Deckle Straps. Cannon Covers. Powder Bags.

Oilers, Tunnels, etc. - - - - - See Index.

Mechanics' Aprons, - - - - - See Index.

Cow Milkers.

Silver Mounted, per dozen Sets, - - - - - \$24 00

Bathing Mats.

4 × 4 feet, Vulcanized,	Plain, per doz,	\$48	Printed,	\$50 00
4 × 4 do Solarized,	do	do	- - - - -	27 00
4 ⁶ × 4 ⁶ do do	do	do	- - - - -	33 00
5 × 5 do do	do	do	- - - - -	39 00

Sponging Baths and Bath Tubs,

Made to order.

Bed and Crib Sheets.**Printers' Blankets and Aprons,**

Paper Printers' Blankets, 32 to 40 inches wide, per yard, \$5 to \$7.

Tympan Sheets.**Calico and Cloth Printers' Blankets and Aprons**

Made to order.

Brick Makers' Apron Cloth.Per yard, - - - - - $\frac{3}{4}$ wide, 75 cts; $\frac{4}{4}$ wide, \$1 00**Crumb Cloths.**

Printed, per square yard, - - - - - 75 cents.

Stair Carpets.

Printed, per square yard, - - - - - 75 cents.

Mechanics' Apron Cloth.**Double Coated Apron Cloth,**

For Fishermen, &c.

Rubbered Silk. Alpacca and Muslin.**Macintosh Cloth,**

Price varies according to quality.

Elastic Cloth.

Price according to weight.

Packing or Baling Cloth, Rubber Coated Canton Flannel.**Sponge Rubber Sheet, Mats, &c.****India Rubber Varnish and Solution, for Bookbinders, &c.**

VULCANIZED RUBBER STEAM PACKING.

This article is now generally used by the most skillful Engineers and Machinists throughout the United States. It is prepared so that 300 degrees of Farenheit does not affect it, and owes its superiority to other substances in that it retains its great elasticity, while resisting this high degree of heat, and may be used for all purposes where packing is necessary, viz. Manhole Plates, Piston Rods, Steam Joints, Steam Chests, Cylinder Heads, Stuffing Boxes, etc.

<i>Mixed or Fibrous Packing, in Sheets, from 1$\frac{1}{8}$ to</i>	
1 $\frac{1}{2}$ inches thick,	40 cts per lb.
<i>Gum or Plain Packing, for fine joints, of all thickness</i>	
and greater elasticity than mixed, in sheets from	
1 $\frac{1}{2}$ to 1 inch thick,	50 do
<i>Pure Packing, or Vulcanized Sheet Rubber, for</i>	
Valves, or places where very great elasticity is	
needed, 1 $\frac{1}{8}$ to 2 inches thick,	50 do
Gaskets for Manhole and Handhole Plates; Steam-	
chests and Cylinder Heads, Packing Rings for	
Stuffing Boxes, Pistons, Piston Rods, and all	
other Steam Joints of Fibrous Packing, ..	60 to 75 do
<i>All the above kinds are furnished in rolls, 33 to 36</i>	
<i>inches wide, and of any required length, or made</i>	
<i>to order of any given dimensions.</i>	
Extra Pure Vulcanized Rubber Valves, for Hot and	
Cold Water Pumps, Vacuum Pumps, Foot and	
Delivery Valves, etc.	60 do
Very small sizes do do do	75 do
Round Packing, with Duck outside, for Stuffing	
Boxes, Piston Rods, etc.	75 do
Pure Vulcanized Rubber Gaskets, Washers, Rings,	
etc., with or without Cloth Insertions, ..	60 to 75 do
Pure Vulcanized Rubber Hinge Valves,	75 do
Very small sizes, do do do	\$1 00
Water Pails and Fire Buckets, - - - - See Index.	

VULCANIZED RUBBER SOLING,

FOR BOOTS



AND SHOES,

Is less expensive and much more durable than leather, and is entirely unaffected by heat or cold. It will effectually protect the feet from the dampness of the ground—keep them dry and warm—and enhance the comfort, as well as protect the health of the wearer. It can be easily applied, by observing the printed directions. The Rubber is furnished in sheets one yard wide, and of various lengths and thicknesses.

DIRECTIONS FOR PUTTING ON.

The sole should be perfectly dry and clean, then well rasped, so as to leave a rough surface. Apply three coats of the Cement to the Leather, allowing each to dry before the succeeding one is put on. Wet the cloth upon the Rubber with Camphene—strip it off—cut the Rubber into pieces of a proper size, and tack the edges to a board, ready to receive the Cement. Then apply two coats of Cement to the Rubber, on the side from which the cloth has been removed. When the Cement on each part is dry, and while it is yet slightly sticky, press the Leather and Rubber firmly together with a roller, and trim the sole bevelling, with a knife wet in water, leaving it quite thin at the edges.

Soling of any thickness, - - - - - 65 cents per lb..

Rubber Cement,

For Rubber Belting, Soling, and Repairing, in Tin Canisters, securely packed, one doz. in a box.

Per dozen, - - - - - \$3, \$6, and \$12 per dozen.

Japan Sponge Blacking,

For Reblacking Rubber and Patent Leather Boots and Shoes, producing a smooth lustre, not easily defaced.

Per dozen bottles, - - - - - - - - - - - \$4 00

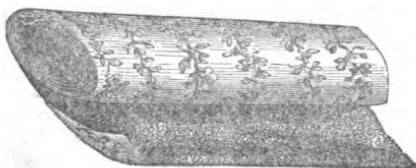
Noiseless Whiffletree and Transient Bolt.

By the application of Vulcanized Rubber and malleable iron to the different parts of a carriage, the continued rattling and constant wear is obviated, and the numerous accidents and detentions occasioned by the Whiffletree Bolts and Transient Bolts getting out or breaking off, are prevented.

Kenny's Patent Noiseless Carriage Irons.

PRICE LIST IN SETS.

No. 1	Coach Eveners,	- - - - -	- \$1 50
2	Pedlars' do	- - - - -	- 1 10
3	Carryall do	- - - - -	- 80
No. 1	Coach Whiffletree Eyes, (in front,)	- - - - -	- 65
2	Express do do (in front,)	- - - - -	- 50
3	Light Exp. do do (in front,)	- - - - -	- 40
4	Carryall and Wagon, (in front,)	- - - - -	- 30
No. 1	Rocker and Bed Plates,	- - - - -	- 65
2	Do. do	- - - - -	- 60
No. 1	Whiffletree Plates on Top,	- - - - -	- 45
2	Do do do	- - - - -	- 40
No. 1	Circles, 16 inch diameter,	- - - - -	- 2 30
2	Do 15 do	- - - - -	- 2 30
3	Do 14 do	- - - - -	- 2 20
No. 1	Rubber Rollers, all fitted,	- - - - -	- 45
2	Do do do	- - - - -	- 40
No. 1	Coach Bed Plates, 2 feet long, $2\frac{1}{2}$ inches wide,	- -	- 2 25
2	Do do 2 do 2 do	- - - - -	- 2 00
	Eyes for the same,	- - - - -	- 1 50
No. 1	Express Plates and Circles, 16 inch, $2\frac{1}{4}$ inches wide,	7	50
2	Do do do 14 inch, 2 do do	6	50
No. 1	Fancy Buggy Circle,	- - - - -	- 75
No. 1	Tee Irons, for Shafts,	- - - - -	- 20



CARRIAGE CLOTHS, ETC.

VULCANIZED.

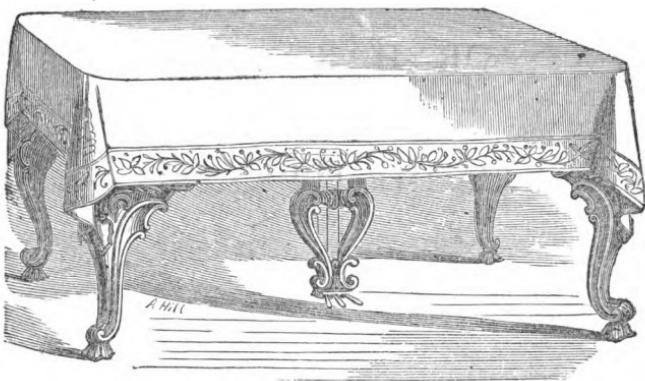
50 in. Enamelled Leather Duck, Plain Colored Back, per yd.	\$1	60	
50 do do Drill, Figured or Plain Back, per yard,	1	25	
$\frac{5}{4}$ do do do do do	1	00	
$\frac{4}{4}$ do do do do do	85		
$\frac{5}{4}$ Plain do do do do do	1	15	
$\frac{5}{4}$ do do do do do	92		
$\frac{4}{4}$ do do do do do	70		
$\frac{5}{4}$ Black Lustred Sheetting, per yard,	-	-	
$\frac{4}{4}$ do do do do -	-	80	
$\frac{7}{8}$ do do do do -	-	68	
$\frac{3}{4}$ do do do do -	-	62	
$\frac{3}{4}$ do do do do -	-	58	
$\frac{5}{4}$ do Hospital Sheetting,	do	-	
$\frac{4}{4}$ do do do do -	-	80	
$\frac{7}{8}$ do do do do -	-	68	
$\frac{3}{4}$ do do do do -	-	62	
$\frac{3}{4}$ do do do do -	-	58	
$\frac{5}{4}$ White Sheetting,	do	-	
$\frac{4}{4}$ do do do do -	-	1	10
$\frac{7}{8}$ do do do do -	-	90	
$\frac{3}{4}$ do do do do -	-	83	
$\frac{3}{4}$ do do do do -	-	75	
$\frac{5}{4}$ Slate or Drab Sheetting,	do	-	
$\frac{4}{4}$ do do do do -	-	1	10
$\frac{7}{8}$ do do do do -	-	90	
$\frac{3}{4}$ do do do do -	-	83	
$\frac{3}{4}$ do do do do -	-	75	

SOLARIZED.

$\frac{5}{4}$ White or Drab Sheetting, per yard,	-	-	-	-	-	1	25
$\frac{5}{4}$ do do do do -	-	-	-	-	-	87	
$\frac{4}{4}$ do do do do -	-	-	-	-	-	62	
$\frac{7}{8}$ do do do do -	-	-	-	-	-	55	
$\frac{3}{4}$ do do do do -	-	-	-	-	-	45	

Enamelled Cloths, - - - - - See Index.

PIANO AND MELODEON COVERS.



PIANO COVERS.

4	×	8 ft.	White and Drab Printed, per doz., Vulcanized,	\$42 00
4	×	8 do	do Plain, do do	30 00
5	×	9 do	do Printed, do do	54 00
5	×	9 do	do Plain, do do	42 00
4½	×	8 do	Slate and do Printed, do Solarized,	37 50
4½	×	8 do	do Plain, do do	28 00
5½	×	9 do	do Printed, do do	50 00
5½	×	9 do	do Plain, do do	37 50

Grand Piano Forte Covers made to order.

MELODEON COVERS.

29	×	46 in.	Drab and Slate Printed, per doz., Solarized,	\$14 00
29	×	46 do	do Plain, do do	8 00
36	×	60 do	do Printed, do do	18 00
36	×	60 do	do Plain, do do	12 00
40	×	70 do	do Printed, do do	22 00
40	×	70 do	do Plain, do do	16 00

Seraphine and Harp Covers made to order.

Table Covers, Printed, per square yard, - - - \$1 00

Table Mats and Stand Covers, per dozen, - - - 9 00

Table Cloths and Oil Baizes, - - - See Index.

MELODEON CLOTHS.

30 inch Melodeon Bellows Cloth,	- - - - -	\$1 00
¾ Melodeon Valve	do	- - - - - 75

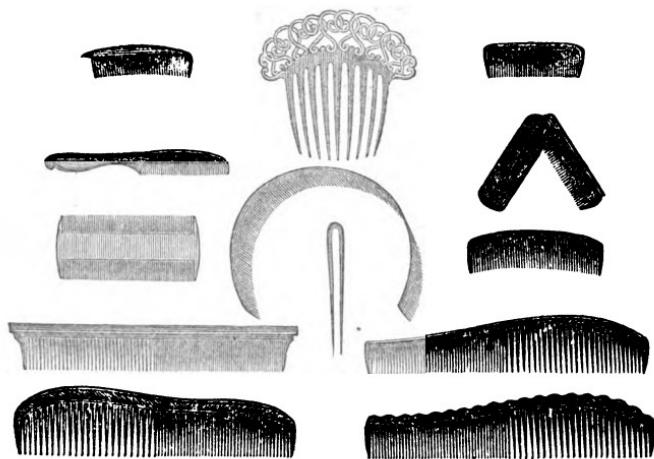
VULCANITE

OR HARD GUM.

By the combination of Sulphur with India Rubber, subjected to different and high degrees of heat, a new substance is produced, which Mr. Goodyear styles VULCANITE, or HARD GUM. This compound is now manufactured into imitations of Buffalo Horn, Buck Horn, Marble, Sheil, Ivory, Whalebone, Leather, Enamel, and the hardest woods, and is destined to supersede these materials—most of which are becoming scarce—in an endless variety of applications. In appearance it perfectly imitates them, and in quality is often greatly superior—being susceptible of no corrosion—no oxydation—no decay. It is easily polished, surpassing Ebony in lustre, while the sculptured articles possess all the delicacy and finish of the most perfect work of the chisel. It excels in elegance of form and in durability all the trinkets of Glass and of Jet, rivalling Mother of Pearl and Porcelain. Leather is imitated even in color, and the imperviousness of the material peculiarly adapts it for the binding of books, albums, etc., while its impressibility renders it capable of the most delicate chasing and embossing. Unaffected by acids and resisting the action of oils, it becomes invaluable to the Chemist and Druggist, and for handles of Cutlery, Brushes, and various Toilet articles, it will soon supplant those materials which are injured by hot water. The metals themselves must give place to VULCANITE in various uses, and its non-conducting properties admirably adapt it for Insulators, Telegraph Wire, etc. As an Enamel, iron is protected from rust, glass and crockery from breaking, and wood is rendered stronger and more ornamental.

Wonderful and various as are the articles already produced from VULCANITE yet the manufacture is but in its infancy; and the new and interesting applications constantly developing convince one that it is capable of great achievements, and its work has only commenced. Few persons have any idea of the extent and variety of its transformations, nor of the important place it is destined to assume among the industrial arts.

This Catalogue is by no means complete, comprising only the articles already manufactured and offered for sale.



INDIA RUBBER COMBS.

Dressing Combs, No. 1,	8 inches, per dozen,	\$3 25
Do	2, 8 do	do - - - - 5 00
Do	3, 8 do	do - - - - 5 00
Do	3A 8 do	do - - - - 5 25
Do	4, 7½ do	do - - - - 2 50
Do	5, 8 do	do - - - - 4 50
Do	6, 8½ do	do - - - - 5 50
Do	8, 8 do	do - - - - 5 00
Do	9, 8½ do	do - - - - 7 25
Do	10, 6½ do	do - - - - 3 00
Do	12, 8 do	do - - - - 2 50
Do	12, 7 do	do - - - - 2 25
Do	12, 6 do	do - - - - 2 00
Do	12, 5½ do	do - - - - 1 90
Do	12, 5 do	do - - - - 1 80
Do	13, 7 do	do - - - - 5 25
Do	14, 7½ do	do - - - - 6 50
Do	15, 8½ do	do - - - - 6 50
Do	15, 8 do	do - - - - 6 00
Do	15, 7½ do	do - - - - 5 50
Do	16, 8 do	do - - - - 4 00
Do	16, 7 do	do - - - - 3 50
Do	17, 7½ do	do - - - - 6 00

Combs—Continued.

Dressing Combs, No. 18,	8½ inches,	per dozen,	- - -	\$10 00
Do	19, 8	do	do	- - - 7 00
Do	20, 9½	do	do	- - - 12 00
Do	21, 7	do	do	- - - 5 00
Twist Combs, No. 1,	per dozen,	- - - - -	-	3 00
Do	2,	do	- - - - -	- 2 50
Do	3,	do	- - - - -	- 5 00
Do	4,	do	- - - - -	- 5 50
Do	5,	do	- - - - -	- 4 00
Do	6,	do	- - - - -	- 6 00
Do	7,	do	- - - - -	- 3 25
Do	8,	do	- - - - -	- 4 50
Do	9,	do	- - - - -	- 3 25
Do	10,	do	- - - - -	- 3 75
Do	11,	do	- - - - -	- 2 75
Do	12,	do	- - - - -	- 2 25
Do	13,	do	- - - - -	- 2 25
Do	14,	do	- - - - -	- 2 00
Do	15,	do	- - - - -	- 2 50
Tuck Combs, No. 1, Ball Pattern,	per dozen,	- - - - -	-	12 00
Do	2,	do	do	- - - 36 00
Bonnet Combs, per dozen,	- - - - -	-	-	2 50
Fine Teeth Combs, No. 25, Extra Deep,	3½ in:	per doz.	-	2 45
Do	do	25,	do	4 do do 2 80
Do	do	25,	do	4½ do do 3 15
Do	do	30,	do	3½ do do 2 60
Do	do	30,	do	4 do do 3 00
Do	do	30,	do	4½ do do 3 40
Do	do	30,	Medium,	3 do do 2 10
Do	do	30,	do	3½ do do 2 45
Do	do	30,	do	4 do do 2 80
Do	do	35,		3 do do 2 10
Do	do	35,		3½ do do 2 45
Do	do	35,	Medium,	3 do do 2 20
Do	do	35,	do	3½ do do 2 55
Do	do	35,	do	4 do do 2 90
Children's Long Combs, No. 1, Plain,	per dozen,	- -	-	4 00
Do	do	3, Quill Back,	do	- - 4 00
Do	do	5, Plain,	do	- - 3 50
Toilet Combs, No. 1, per dozen,	- - - - -	-	-	4 50
Do	2,	do	- - - - -	- 5 00

Combs—Continued.

Puff Combs,	3 and $3\frac{1}{2}$ inches, assorted,	per gross,	- - - - -	8 00
Do	$3\frac{1}{2}$	do	do	- - - - -
Do	$3\frac{1}{2}$	do	extra wide,	do
Do	4	do	do	do
Side Combs,	3	do	do	- - - - -
Do	$3\frac{1}{2}$	do	do	- - - - -
Do	4	do	do	- - - - -
Do	3, $3\frac{1}{2}$ and 4	do	assorted,	do
Neck Combs,	5 to 6	do	do	do
Riddling Combs,	4 inches, per gross,	- - - - -	- - - - -	12 00
Do	$3\frac{1}{2}$	do	do	- - - - -
Do	3	do	do	- - - - -
Whisker Combs,	per gross,	- - - - -	- - - - -	8 00
Pocket Combs,	No. 1, 3 inches, per dozen,	- - - - -	- - - - -	1 80
Do	2, $3\frac{1}{2}$	do	do	- - - - -
Do	3,	do	do	- - - - -
Hair Pins, assorted lengths,	per gross,	- - - - -	- - - - -	3 00

STAY BONE, No. 13.

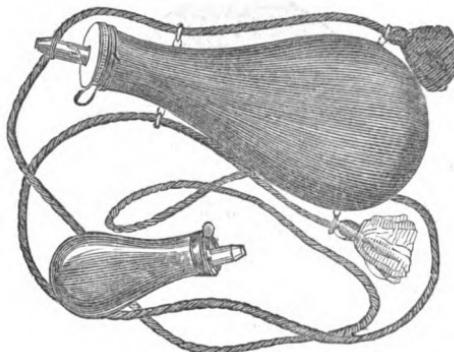
10 inch, per bundle of 50 pair,	- - - - -	\$1 13
11 do	do	do
12 do	do	do
13 do	do	do
14 do	do	do
15 do	do	do
16 do	do	do

DRESS BONE, No. 15.

7 inch, per gross,	- - - - -	\$ 65
8 do	do	- - - - -
9 do	do	- - - - -
10 do	do	- - - - -
11 do	do	- - - - -
12 do	do	- - - - -
13 do	do	- - - - -
14 do	do	- - - - -

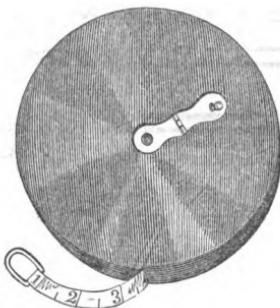
Skirt Bone.

Per bundle, - - - - - 45 cents.



POWDER AND SHOT FLASKS.

2 oz. Rough, untrimmed, No.	100,	Plain Top, per doz.	\$5 00
2 do Polished, do	120,	do do	7 00
8 do Rough, do	100,	do do	10 00
	200,	Screw Top, do	10 75
	300,	Patent Top, do	13 50
8 do Polished, do	120,	Plain Top, do	12 50
	220,	Screw Top, do	13 50
	320,	Patent Top, do	16 00
8 do Rough, trimmed,	110,	Plain Top, do	11 50
	210,	Screw Top, do	12 25
	310,	Patent Top, do	15 00
8 do Polished, do	130,	Plain Top, do	14 00
	230,	Screw Top, do	15 00
	330,	Patent Top, do	17 50
10 do Polished, do		Plain Top, do	
		Screw Top, do	
		Patent Top, do	
10 do Polished, untrimmed,		Plain Top, do	
		Screw Top, do	
		Patent Top, do	
10 do Rough, trimmed,		Plain Top, do	
		Screw Top, do	
		Patent Top, do	
10 do Rough, untrimmed,		Plain Top, do	
		Screw Top, do	
		Patent Top, do	



Measuring Tapes, with Vulcanite Cases.

100 Feet,	Chestermann's Metallic,	per doz.	- - - - -	\$46 88
	Chestermann's Linen,	do	- - - - -	33 75
	Wells' Plain,	do	- - - - -	13 00
	Polished,	do	- - - - -	16 00
80 Feet,	Chestermann's Metallic,	do	- - - - -	37 50
75 Feet,	Do	do	- - - - -	37 50
	Do	Linen,	do	- - - - -
			do	26 88
	Wells' Plain,	do	- - - - -	11 00
	Polished,	do	- - - - -	15 00
66 Feet,	Chestermann's Metallic,	do	- - - - -	31 25
	Do	Linen,	do	- - - - -
			do	23 75
	Wells' Plain,	do	- - - - -	10 00
	Polished,	do	- - - - -	14 00
60 Feet,	Chestermann's Metallic,	do	- - - - -	31 25
	Do	Linen,	do	- - - - -
50 Feet,	Chestermann's Metallic,	do	- - . - -	28 12
	Do	Linen,	do	- - - - -
			do	20 00
	Wells' Plain,	do	- - - - -	9 00
	Polished,	do	- - - - -	13 00
40 Feet,	Chestermann's Linen,	do	- - - - -	17 50
	Wells' Plain,	do	- - - - -	8 00
33 Feet,	Wells' Plain,	do	- - - - -	7 00
30 Feet,	Chestermann's Linen,	do	- - - - -	15 00
25 Feet,	Wells' Plain,	do	- - - - -	6 00
24 Feet,	Chestermann's Linen,	do	- - - - -	12 62

Cork Screws, with Vulcanite Cases.

No. 1, per dozen, - - \$4 50; No. 2, per dozen, - - \$5 50

Vulcanite Pen and Pencil Cases.

Slide Propellers, assorted sizes,	- - - - -	per dozen,	\$ 0 00
Screw do	do	do	0 00
Short Plain Propellers,	- - - - -	do	5 00
Long do	do	do	6 50
No. 1 Pencils, plain and fancy heads,	- - -	do	15 00
No. 1 Pencils, with rings, plain and fancy heads,	do	16 50	
No. 1 Pencils and Pens, reversible,	- - -	do	0 00
No. 2 do	do	do	20 00
No. 3 do	do	do	25 00
No. 1 Pencils, gold mounted,	- - - - -	do	33 00
No. 2 do and Pens, reversible, gold mounted,	do	42 00	
No. 3 do	do	do	45 00
Pen Handles, large and small, assorted,	- -	do	4 50

Fountain Pens.

No. 3 Small Capped Piston Pocket Pen, for Ladies,	per doz.	\$ 27 00
No. 2 Large do	do Gentlemen,	36 00
No. 1 Large Engrossing Cap Extension Piston,	do	48 00
No. 3 Small Capped, Fancy, for Ladies,	- - - do	32 00
No. 2 Large do	Gentlemen,	40 50
No. 1 Large do	do	54 00
No. 1 Dip Fountain	do	36 00
No. 2 do	do	30 00

Vulcanite Rulers.

10 Inch Rulers, 6 dozen in a box,	- - -	per dozen,	\$ 2 60
12 do	do	do	3 00
14 do	do	do	3 40
16 do	do	do	4 00
18 do	do	do	4 40
21 do	do	do	5 20
24 do	do	do	6 20
30 do	do	do	8 00
36 do	do	do	10 00

Squares, Bevels, Triangles, Scales, &c.**Paper Folders.****Sand, Wafer and Sponge Boxes.**

VULCANITE CANES.

CROOKED CANES.

Size.	Plain Ends. Per Doz.	Pearl or Ivory Ends. Per Doz.	Silver Cap. Per Doz.	Gold Cap. Per Doz.
$\frac{3}{8}$ in.	No. 17, \$12 ..	No. 383, \$13 50 ..	No. 33, \$21 ..	No. 82, \$36
$\frac{4}{8}$ in.	18, 15 ..	384, 16 50 ..	34, 24 ..	83, 42
$\frac{5}{8}$ in.	19, 18 ..	385, 19 50 ..	35, 30 ..	84, 48
$\frac{6}{8}$ in.	20, 21 ..	386, 22 50 ..	36, 33 ..	85, 60
$\frac{7}{8}$ in.	21, 24 ..	387, 25 50 ..	37, 36 ..	86, 90

STRAIGHT CANES.

Size.	Unmounted. Per Doz.	Carved Vulcanite Heads. Per Doz.	Silver Heads, War. coin Stand. Per Doz.	Filled Gold Heads. Per Doz.
$\frac{3}{8}$ in.	No. 1, \$9 ..	No. 100, \$12 ..	No. 49, \$24 ..	No. 130, \$36
$\frac{4}{8}$ in.	2, 12 ..	101, 18 ..	50, 30 ..	131, 48
$\frac{5}{8}$ in.	3, 15 ..	102, 24 ..	51, 36 ..	132, 60
$\frac{6}{8}$ in.	4, 18 ..	103, 27 ..	52, 42 ..	133, 72
$\frac{7}{8}$ in.	5, 21 ..	104, 30 ..	53, 48 ..	134, 90

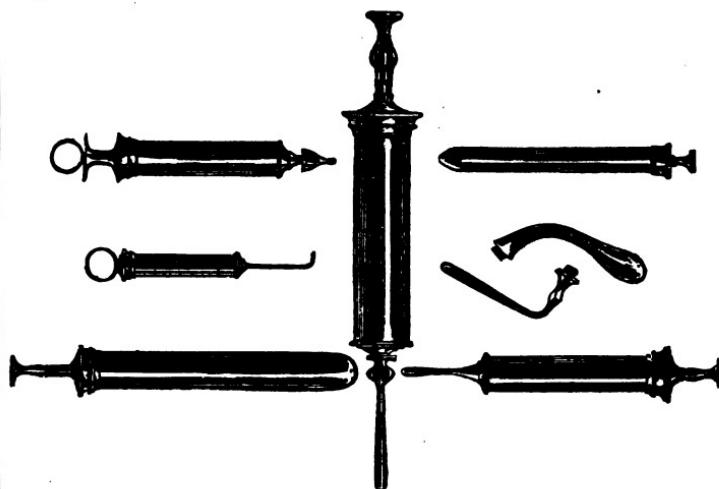
Warranted 16 carats. Per Doz.	Cornelian Heads. Per Doz.	Sword Cane. Silver Head. Per Doz.
$\frac{3}{8}$ in. No. 70, \$60 00	No. 250, \$12 00	
$\frac{4}{8}$ in. 71, 90 00	251, 30 00	
$\frac{5}{8}$ in. 72, 108 00	252, 36 00	No. 167, \$66 00
$\frac{6}{8}$ in. 73, 126 00		168, 72 00
$\frac{7}{8}$ in. 74, 144 00		169, 78 00
$\frac{8}{8}$ in. 151, French Metal Heads,	per doz.	\$24 00
$\frac{9}{8}$ in. 178, Carved Vulcanite Heads, Sword, ..	do	36 00
$\frac{10}{8}$ in. 179, do do do do ..	do	42 00
$\frac{11}{8}$ in. 122, Ivory Heads,	do	18 00
Assorted Sizes, No. 98, Leaded Heads,	do	24 00
Assorted Sizes and Nos., Paris Gilt Heads,	do	24 00
Assorted do do Fancy Carved Rubber, ..	do	24 00
Assorted do do do do do ..	do	36 00

Telegraph Wire and Insulators.

Fancy Boxes. Medallions.

Veneering. Book Covers. Brush Handles.

VULCANITE SYRINGES.

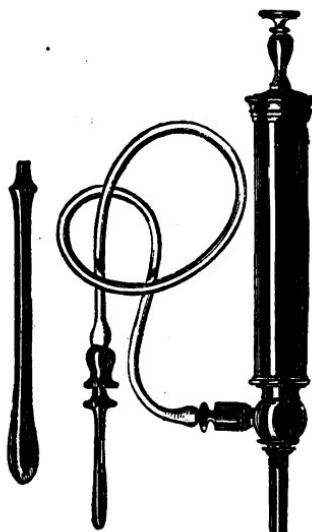


VULCANITE, from its non-conducting properties, and from its resistance to the action of oils and acids, surpasses every other substance in its peculiar fitness for Syringes.

The neatness and beauty, in addition to the perfect mechanical construction of these Syringes, make them deservedly popular.

	Plain.	Bent Pipe.	Womb.	With extra Pipes.
No. 00, per doz.	\$5 00			
0,	do	5 62½		
1,	do	5 62½		
2,	do	7 50		
3,	do	11 25		
*4,	do	15 00	\$16 00	\$17 50
5,	do	18 75	20 00	23 00
6,	do	25 00		27 00
				33 00
No. 2, Vaginal Syringe, per dozen,				\$7 50
3, do	do	do		11 25
1, Dental	do	do		7 50
1, Ear	do	do		12 00
*4, Womb	do	with Shield, per dozen,		22 50

VULCANITE ARTICLES.



Pump Syringes.

The barrel and male and female pipes being of Vulcanite, and the tubing of Vulcanized Rubber, renders this Syringe the most perfect of anything of the kind yet manufactured. It is considered decidedly superior to other Syringes, as it has none of the uncomfortable coldness of metal.

Pump Syringe, with extra Pipes,
per dozen, - - - \$33 00

Breast Pumps.



Per dozen, - - - - - \$15 00

Teething Rings.

Per gross, \$9 00

Martingale Rings.

No. 1, per gross, \$6 25

No. 2, do 9 00

Napkin Rings.

10's, per doz. \$2 50

20's, do 3 00

30's, do 3 50

40's, do 4 00

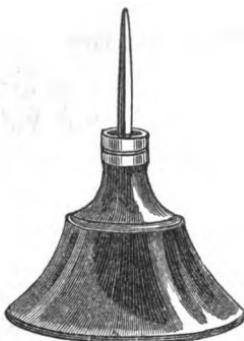
Toys.

Whips and Whip Sockets,

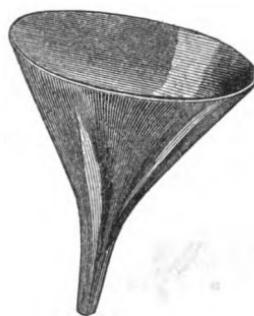
Various Sizes and Prices.



Cups and Balls.

VULCANITE ARTICLES.**Oilers.**

No. 1, per dozen, . . . \$3 75
No. 2, do . . . 5 62

**Funnels.**

No. 1, per dozen, . . . \$2 50
No. 2, do . . . 5 00

Soap Dishes.

No. 1, per dozen, \$7 00
No. 2, do 0 00

Shaving Boxes.

No. 1, per dozen, \$7 50
No. 2, do 6 00

Toilet Glasses.

Per dozen, \$7 50

Busks.

Per dozen, \$1 10

Shaving Brushes.

No. 1, per dozen, - - - - -	\$4 00
No. 2, do - - - - -	5 00
No. 3, do - - - - -	6 00

Puff Boxes.

No. 1, per dozen, \$9 50

Cigar Cases.

No. 1, per dozen, \$12 00

Spectacle Cases.**Daguerreotype Cases.****Pen and Pocket Cutlery, with Vulcanite Handles.**

No. 3 Blade Knives, - - - - -	per dozen, \$18 75
No. 2 do - - - - -	do
No. 1 do - - - - -	do

Table Cutlery, with Vulcanite Handles.

In imitation of Buck and Buffalo Horn, Bone, &c.; all the different styles will be received and for sale as soon as manufactured.

VULCANITE ARTICLES.

Finger Rings.

No. 2, Plain Finger Rings, per dozen,	- - - - -	\$4 00
No. 3, do do do	- - - - -	5 00
No. 4, Carved do do do	- - - - -	6 00

Brooches. Bracelets.

Cruet Castors,

Assorted sizes and prices.



Tumblers.

No. 1, per dozen,	- - - - -	\$3 75
No. 2, do	- - - - -	0 00

Travelling Flasks and Bottles.

Portable Filters.

A Vulcanite Case, enclosing a Quartz Filter, and Vulcanized Rubber Tube: for Travellers, Sportsmen, Surveyors, Engineers, &c.

Daguerreotype and Photograph Baths, Pans, Funnels, &c.

Toothpicks, in Sliding Cases.

Per dozen, - - - - - \$2 00

Toilet Boxes.

Tobacco Boxes.

Razor Cases.

Snuff Boxes.

Apothecaries' Boxes,

Assorted shapes and sizes.

Buttons,

Every variety, superior to horn, bone, pearl or wood.

Speculums.

Vaginal, assorted sizes,	- - - - -	per dozen, \$7 50
Vaginal, do do open sided,	- - - -	do 9 00
Anus, do do	- - - - -	do 9 00

Furniture Castors.

Round Sockets, Square Sockets, and Round Beaded Sockets, assorted sizes and prices.

GUTTA PERCHA.

THIS article is produced from the juice or sap of the Gutta Tree, found in all the islands of the Indian Archipelago, the Malayan Peninsula, and vicinity. The word "Gutta" means gum, and "Percha" tree, in the Malay language. There are several inferior varieties, Gutta Tuban, Gutta Girek, &c.

Gutta Percha, in its crude state, has no resemblance to India Rubber, nor are its chemical and mechanical properties the same. It is a fibrous substance, much resembling sole leather, tenacious without elasticity or much flexibility. At 120 degrees of Fahrenheit, it can be plated or moulded, by mechanical pressure, into any form, and when cold will retain the given shape, but at no temperature does it possess the peculiar elastic extensibility of India Rubber.

Oils, alkalies and saline solutions have no effect upon Gutta Percha, but strong acids dissolve and decompose it. Goodyear's vulcanizing process has been applied to it, but it is certain that it does not have the same effect upon that as it has upon India Rubber. After a time, clothing and other articles manufactured from Vulcanized Gutta Percha, become hard and brittle, oxydizing, so as to be worthless. Still it is well adapted for tubing, and all purposes not requiring it to be exposed in a dry atmosphere or to high degrees of heat and cold.

As Gutta Percha is unaffected by the most corrosive water, it forms a desirable substitute for lead pipes of aqueducts, etc. Being essentially a non-conductor, it is successfully applied to all telegraphic purposes.

GUTTA PERCHA ARTICLES.

Tubing.

$\frac{1}{4}$ in. light, per foot,	- - 5 cts.	$\frac{3}{8}$ in. heavy, per foot,	- 18 cts.
$\frac{3}{8}$ do do	- - 6 do	$1\frac{1}{4}$ do do	- - 25 do
$\frac{5}{8}$ do do	- - 8 do	$1\frac{1}{2}$ do do	- - 28 do
$\frac{7}{8}$ do do	- - 12 do	$1\frac{1}{4}$ in. extra heavy, per ft.	40 do
$\frac{9}{8}$ do do	- - 15 do	$1\frac{1}{2}$ do do	do 42 do

Other sizes made to order.

Soda Pipe.

$\frac{1}{4}$ inch, light, per foot,	- - - - -	10 cents.
$\frac{1}{4}$ do heavy, do	- - - - -	$12\frac{1}{2}$ do

Flat and Round Banding,

From $\frac{1}{20}$ to $\frac{1}{2}$ inch in diameter.

Funnels.

No. 1, plain, per doz.	- - \$2 25	No. 3, plain, per doz.	- - \$4 50
No. 2, do do	- - 3 00	No. 4, do do	- - 10 00

Fluted Funnels.

Pails. Buckets. Oil Cans. Water Jugs. Ewers. Bowls.

Carboys,

From 2 to 18 Gallons.

Syphons. Stop Cocks. Scoops.

Soap, Toilet and Brush Trays. Carriage Conversation Tubes.

Gutta Percha Sheet,

From $\frac{1}{2}$ to $\frac{1}{2}$ inch thick.

Fine Strained Thin Sheet,

For Surgical Purposes, a Substitute for Oil Silks, &c.

Sheet Tissue. Sheet for Splints.

Refined Gutta Percha for Dental Purposes.

White (Gutta Percha) Skirt Cord,

Prepared on Cotton expressly for Skirts.

Gutta Percha Solution.

ENAMELLED CLOTHS, ETC.

THESE Cloths are manufactured in imitation of the various colored leathers, and are partially vulcanized, so as to resist the action of all but the extreme degrees of heat and cold.

$\frac{4}{5}$	Muslin, Black,	- - - - plain back,	per yard,	24 cents.
$\frac{4}{5}$	do do	- - - - figured	do do	26 do
$\frac{4}{5}$	do Fancy Colors,	- - - plain	do do	34 do
$\frac{5}{4}$	do Black,	- - - - do	do do	27 do
$\frac{5}{4}$	do do	- - - - figured	do do	30 do
$\frac{5}{4}$	do Fancy Colors,	- - - plain	do do	36 do
$\frac{5}{4}$	do Scarlet,	- - - - do	do do	55 do
$\frac{4}{5}$	Drill, Black,	- - - - do	do do	28 do
$\frac{5}{4}$	do do	- - - - do	do do	35 do
$\frac{5}{4}$	do do	- - - - figured	do do	40 do
50 in.	Drill, do	- - - - plain	do do	38 do
50 in.	do do	- - - - figured	do do	40 do
$\frac{5}{4}$	Ducks, do	- - - - plain	do do	45 do
$\frac{5}{4}$	do do	- - - - figured	do do	50 do
50 in.	Ducks, Black,	- - - - plain	do do	50 do
50 in.	do do	- - - - figured	do do	52 do

Oil Baizes,

In imitation of Woods, Marbles, &c.,

$\frac{4}{5}$ wide,	- - - - per dozen yards,	from \$4 50 to \$9 00
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Printed in Colors, with Bronze Figures,

$\frac{5}{4}$ wide,	per dozen yards,	from \$3 00 to \$9 00
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$\frac{5}{4}$ Printed in Colors,	- - - - -	per yard, $32\frac{1}{2}$ cents.
----------------------------------	-----------	----------------------------------

$\frac{5}{4}$ do	Bronze,	- - - - - per yard, 45 to $62\frac{1}{2}$ do
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Table Covers.

$\frac{6}{5}$ Printed in Colors,	- - - - -	per dozen, \$5 00 to \$6 00
$\frac{5}{4}$ do	do heavy cotton,	- do 6 00
$\frac{5}{4}$ do	Bronze, do	do \$5 00 to \$6 50
$\frac{5}{4}$ do	do do	do \$6 00 to \$7 50

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